# Index

- Welcome address ................................................................. 3
- Meeting committee ............................................................ 4
- About us ................................................................................. 5
- General information ........................................................... 8
  - Information ........................................................................... 8
  - Floor plan ............................................................................. 10
  - Welcome Cocktail ................................................................. 11
- Sponsors .................................................................................. 13
- Awards ..................................................................................... 14
- INS Special Interest Groups (SIGs) ............................................ 19
- Keynote Speakers ................................................................... 22
- CE Workshops ......................................................................... 25
- Symposium ............................................................................... 29
- Scientific programme ............................................................ 42
  - Program at a glance ............................................................... 42
  - Popular program tracks at a glance ......................................... 45
  - Detailed Programme ............................................................. 46
Welcome address

2022 INS MidYear Meeting Program Committee:

**Global Innovations in Science and Practice**

We are pleased and honoured to welcome you to the International Neuropsychological Society 2022 meeting in Barcelona, held in association with the Spanish Federation of Neuropsychological Societies (FANPSE) and the Consortium of Neuropsychology. The INS, FANPSE and Consortium are delighted to be hosting this meeting together.

The conference theme, “Global Innovations in Science and Practice” is inspired by the current situation in the world, and the years of commitment by the INS Global Engagement Committee to encourage a dialogue across different cultures and approaches to science. We hope that this inspiration together with all the attractions that the city of Barcelona offers will stimulate all attendees to further enhance the development of science and practice and implement new and better solutions for people. Over many years, the neuropsychological community created by INS has inspired us to seek new knowledge and practices that benefit people’s lives.

Throughout the pandemic we have faced many health and related challenges. This difficult time has shown us that the impact of global challenges affects all of us and, despite some singularities, we share common concerns. These unite us, perhaps in ways even more powerfully than ever before. We have an opportunity to demonstrate that science and the practical application of scientific knowledge remain highly relevant to our lives and our global society. As we search for solutions we take necessary steps to extend our progress working for a healthier and more just society. It is now, more than ever, a time for unity, generosity, shared knowledge, and innovative solutions. We would like this Barcelona congress to be a meeting that brings us together to share knowledge that will contribute to the application of solutions for patient’s health, and to continued collaboration and unity.

Our great hope is that the Pandemic obstacles will ease and we will meet in person in Barcelona. We hope to gather together in a city that represents knowledge, avant-garde, projection for the future, and multiculturalism. This Barcelona congress is intended to be a connection bridge for attendees from all parts of the world. We will have an excellent scientific program by preeminent colleagues. All of the traditional INS formats are planned, including Continuing Education workshops, plenary lectures, and quality symposia, paper sessions, and poster sessions. Come to Barcelona and participate in this festival of global knowledge! We look forward to welcoming you there!

**Natalia Ojeda, Ph.D.**
Barcelona 2022 – Program Co-Chair

**Juan Olmo**
President, Spanish Federation of Neuropsychological Societies (FANPSE) - Program Co-Chair

**Manuel Cid, Ph.D.**
VicePresident, Consortium of Clinical Neuropsychology (Consortium) - Program Co-Chair

**Hans-Otto Karnath, Ph.D., M.D.**
President, Federation of European Societies of Neuropsychology (FESN)

**Ida Sue Baron, Ph.D., ABPP**
President, International Neuropsychological Society
Meeting committee

**Local Organizing Committee**
Alexandre Machado
Dolors Safont
Elizabeth Kera
Joana Porcel
Juan Olmo
Julie Bobholz
Lucía Zumárraga
Manuel Cid
María Quintana
Marta Balagué
Mary Beth Spitznagel
Miguel Pérez
Montserrat Corral
Natalia Ojeda
Nybo Taina
Omar Alhassoon
Seta Kazandjian

**Scientific Committee**
Acebo García
Aishani Bharat Desai
Alberto Fernández
Alison Buchholz
Aparna Dutt
Athanasia Liozidou
Barbara Segura
Edward de Haan
Emilia Lojek
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Fernando Maestú
Hans-Otto Karnath
Ida Sue Baron
Jon Evans
Jose Barroso
Joshua T. Fox-Fuller
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Javier Peña Lasa
Laura Hokkanen
Leire Zubiaurre
Lena Dobson
Maite Garolera
Margaret O’Connor
Martine Van Zandvoort
Melissa Lamar
Natalia Ojeda
Naroa Ibarretxe-Bilbao
Olaia Lucas
Rafa Penadés
Sandra Lettner
Skye McDonald
Tracy Vannorsdall
Víctor Del Bene
Victoria Acebo García
Yana Suchy
About INS

The International Neuropsychological Society (INS) is a non-profit, professional organization dedicated to promoting the collaborative, interdisciplinary, and global study of brain-behavior relationships with emphasis on science, education, and the applications of scientific knowledge. Founded in 1967, INS has more than 4300 members from more than 60 different countries. Members include cognitive and clinical neuropsychologists, neurologists, neurosurgeons, psychiatrists, speech and language pathologists, as well as students from some of the world’s most prestigious universities and institutions.

INS holds meetings in February and July each year offering cutting edge scientific programming and continuing education workshops. INS is “where the world meets,” and is the premier scientific and educational meeting venue for international neuropsychology.

For more information about INS, visit us at www.the-ins.org.

New Members Welcome!

INS welcomes new members! Prospective members may learn more about the Society and complete an online membership application at www.the-ins.org.

Benefits of Membership

• Discounted registration & CE rates at both INS meetings
• Expand your network
• FREE access to JINS - available ONLY to INS members! Electronic access to JINS includes all previous years of publication - or pay just $54 per year to receive the printed edition by mail
• INS Member Directory – Exclusive online access for members only
• INS Newsletter – Exclusively for INS Members
• Video Interviews of Leaders in Neuropsychology: Members may access the INS Video Archive Project interviews, featuring major thought leaders in the field for FREE
• Prestigious awards – Nominate or be recognized for work in the field of neuropsychological science and education
• Get involved – Become active with committees or board leadership, and help guide the future of INS
• Give back to your community – Help support neuropsychology in developing countries
• Matthews Fund & Book Depository – Give back to your community and help support neuropsychology and educational programs in developing countries
• Discounts on books and journals from selected publishers
About us

**Future INS Meetings**

**Fifty-First Annual Meeting (2023)**
San Diego, California, February 1-4, 2023

**2023 INS Mid-Year Meeting**
Taipei, Taiwan, July 6-8, 2023

**Fifty-Second Annual Meeting (2024)**
New York City, New York, February 14-17, 2024
CALL FOR ABSTRACTS

Submission Types & Guidelines:

- Individual abstracts may be submitted for consideration in Poster or Paper format, or a Symposium Proposal may be organized by a single designated chair (complete symposium proposals must consist of a summary abstract and no more than four symposium abstracts).
- Before submitting, please review all submission guidelines located HERE.
- For meeting info, visit: www.the-ins.org/meetings/sandiego2023/.
- INS membership is NOT required to submit (but those who join INS or renew their membership for 2023 will receive registration discounts).
- All submissions must be received by no later than August 12th, 2022 at exactly 11:59 PM, U.S. Eastern Time. No late submissions will be accepted.

Keynotes:
- Ida Sue Baron, PhD – INS Presidential Address
- Barbara A. Wilson, OBE, PhD
- Tatia Lee, PhD
- Deborah Koltaï, PhD
- Jordan Grafman, PhD
- David Schretlen, PhD, ABPP
- Kristine Walhovd, PhD

Invited Symposia:
- Pediatric Neuropsychology Medical Advances and Life Span Outcomes, chaired by Celiane Rey-Casserly, PhD & Lana Harder, PhD
- Traumatic Brain Injury: Highlighting the Contributions of Dr. Harvey Levin

SERENDIPITY AND SCIENCE

Submissions Due No Later Than:

Friday, August 12th, 2022
at precisely 11:59 PM U.S. Eastern Time

www.the-ins.org/sandiego2023/abstracts
General information

Meeting Venue
AXA Auditorium and Convention Center
Address: Diagonal Av. 547
AXA venue: Registration Desk, Auditorium, Hall 1, Coffee breaks, exhibition and posters

NH Constanza
Deu i Mata street, 69 - 99
NH Constanza: Berlin Hall, Barcelona Hall
2 minutes walking between the two buildings

Registration
The registration desk is located on Level 0 in the AXA Auditorium Convention Center, accessible via main entrance.
Please, register and pick up your badge and collect the welcome bag when you arrive to the congress.

The registration fee includes:
Admittance to all main scientific sessions and exhibition
  Meeting kit
  Coffee breaks
  Welcome cocktail

There is also available, with an extra cost:
  Yoga session on 7th - 8th July
  Recinte Modernista visit on 9th July

Please check the registration platform if you are interested in these activities
General information

Nh Constanza

LEVEL 1

ENTRANCE

| BERLIN HALL | BARCELONA HALL |
General information

Welcome Cocktail
Date: July, 6th
Time: 18.00 - 19.30
Location: AXA auditorium convention Center

Exhibition
Exhibition is located on the 2nd level in the AXA Auditorium convention center

Exhibition Opening Hours
July 6th  9.00- 16.00
July 7th  8.00 - 19.00
July 8th  8.00 - 17.00

Wifi: AXA Auditorium convention center
Auditori AXA
Password: auditori96

Speakers´s ready room
All speakers are asked to upload ther presentations 1,5 hours before the beginning of their sessions or the day before specially in case of a morning session.
The speakers that participate at the AXA auditórium have to upload their presentations at the Auditorium Preview Room located at the 2nd floor of AXA building.
For the rest of the parallel halls, speakers have to upload the presentation in the rooms.
Please note each oral presentation has been allotted 12 minutes. Time allotments for oral presentations will be strictly enforced-please make sure that your presentation is appropiate lenght.

Opening Hours to upload presentations:
July 6th  8.00- 16.00
July 7th  7.30 - 19.00
July 8th  7.30 - 17.00

Language
The official language of the meeting is English and no simultaneous translation is provided. This means that all the presentations and questions are to be in English.

Certificates of Attendance
If you require a certificate documenting your attendance. The certificate will be send at the end of the congress by email.
General information

Published Meeting Proceedings
The complete scientific programme and abstracts listed for the INS 2022 Mid-Year Meeting will be published in an online, supplemental issue of the Journal of the International Neuropsychological Society.

Submitting Author Disclosures and Changes to the Final Programme
Submitting Abstract Author Disclosures
The International Neuropsychological Society requires all presenters to disclose to the audience any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and with any commercial supporters of the activity. The intent of this disclosure is not to prevent a speaker with a significant financial or other relationship from making a presentation, but rather to provide listeners with information on which they can make their own judgments. It remains for the audience to determine whether speaker interests or relationships unduly influence a presentation with regard to exposition or conclusion.
Sponsors

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Fundación para la Formación e Investigación de los Profesionales de la Salud de Extremadura

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brain sciences

Universidad LOYOLA

TANDMR
Awards

The International Neuropsychological Society's Awards Programme is intended to recognize the many achievements of accomplished INS members.

The INS Awards Ceremony will be held on Friday, July 8, 2022, from 6:30-7:30 PM (Local time in Spain) in Axa Auditorium.

About the INS Awards Programme

Major INS Awards
Major INS Awards are given in recognition of scientific achievement in early career and mid-career or for a Lifetime of Achievement in research, education or service in the field of neuropsychology. The INS Distinguished Career Award may be given to recognize those individuals who have enjoyed extended careers and who have made major, sustained contributions to the field of neuropsychology and the Society. The Paul Satz-INS Career Mentoring Award, given in honor of Dr. Paul Satz and sponsored by PAR, Inc., is given to recognize mentoring and teaching activities that have profoundly impacted the careers of students in the field of neuropsychology.

INS Programme Awards
INS Programme Awards are selected by the Programme Committee for each INS Meeting in recognition of the Meeting's most outstanding scientific contributions. For the Annual Meeting, programme awards include the Phillip M. Rennick Award for most outstanding submission by a graduate student; the Nelson Butters Award for the most outstanding submission by a postdoctoral fellow; and the Laird S. Cermak Award for the best submission in the field of memory or memory disorders. For the Mid-Year Meeting, an additional programme award is the Marit Korkman Award for the most outstanding student contribution on a topic in pediatric neuropsychology. In conjunction with the INS Programme and Awards Committees, the INS Student Liaison Committee recognizes an additional five students for their commendable abstract submissions at each INS meeting through the selection of the SLC Student Research Awards.

Nominations and Eligibility for the INS Awards Programme
To inquire about award nominations, please visit www.the-ins.org/ins-awards, or email ins@utah.edu

Nominations for Major INS Awards
The INS Awards Committee accepts nominations annually from INS members for major INS Awards, including Career or Lifetime Awards, and the Paul Satz-INS Career Mentoring Award. Nominations are welcome at any time but must be submitted by certain dates in order to be considered for an award at specific upcoming meetings. Winners are selected by the Awards Committee, according to posted criteria, with approval from the INS Governing Board.

Eligibility for INS Programme Awards
All abstracts that are submitted to the Annual and Mid-Year Meetings are screened and considered for eligible Programme Awards.
Awards

INS Awards Committee
The INS Awards Committee was created to recommend current and past members to the Board of Governors for the purpose of recognition of outstanding achievement in areas related to Neuropsychology.

INS Post-Doc Fellow research Award
This award was established to honor the contributions of Dr. Nelson Butters and to recognize the impact he has had in the area of training. The prize is awarded at the Society’s Annual and Mid-Year Meetings for the best research presented by a postdoctoral fellow. The recipient is selected at the discretion of each Meeting Program Chair. No formal application is necessary (all submissions by postdoctoral fellows are considered).

Agurne Sampedro Calvete
Cognitive Rehabilitation and Neuroimaging in Schizophrenia

INS Graduate Student Research Award
This award is given in honor of the contributions of Dr. Phillip Rennick and to recognize the impact he has had in the area of neuropsychology. The prize is awarded at the Society’s Annual and Mid-Year Meetings for the best research presented by a graduate student. The recipient is selected at the discretion of each Meeting Program Chair. No formal application is necessary (all graduate student submissions are considered).

Siobhan Shaw
Anhedonia in Frontotemporal Dementia – Neural Substrates and Functional Implications
Awards

INS Memory Disorders Research Award
This award honors the contributions of Dr. Laird Cermak and recognizes the impact he has had in the area of memory and memory disorders. The prize is awarded at the Society’s Annual and Mid-Year Meetings for the best research presented in the area of memory or memory disorders. The recipient is selected at the discretion of each Program Chair. No formal application is necessary.

Anna Carnes-Vendrell
Association Between CSF Biomarkers and the Test of Memory Strategies in Mild Cognitive Impairment Patients

INS Marit Korkman Award
The INS announced the addition of the Marit Korkman Award in 2014, honoring Dr. Marit Korkman’s impact in the field of pediatric neuropsychology. The award is given for the most outstanding student contribution at the Mid-Year Meeting on a topic in pediatric neuropsychology. The winner is selected at the discretion of the Mid-Year Program Chair.

Lexuri Fernández de Gamarra-Oca
Long-Term Outcomes in Low-Risk Preterm-Born Adolescents and Young Adults

SLC Student Research Awards
Selected by the INS Student Liaison Committee (SLC)

Jessica Bruijel, Maastricht University, Netherlands
Task-Induced Subjective Fatigue and Resting-State Striatal Connectivity Following Traumatic Brain Injury

Marta Godoy Gonzalez, Hospital Universitari Parc Taulí, Spain
Objective and Subjective Cognitive Deficit in COVID-19 Critically Ill Survivors One Year After ICU Discharge

Emma Segura, Hospital Universitari Parc Taulí, Spain
Enriched Music-Supported Therapy in the Rehabilitation of Patients with Chronic Stroke

Yolanda Balboa Bandeira, University of Deusto, Spain
Transcranial Electrical Stimulation Techniques Comparison on Foreign Language Learning: a Pilot Study

Anne Buunk, University Medical Center Groningen, Netherlands
Emotion Recognition in Low-Grade Glioma Patients Before and After Surgery
INS Award for Early Career Research
Dr. Emily Rosenich, Monash University, Australia

Dr. Emily Rosenich is a Postdoctoral Research Fellow in Neuropsychology at the Turner Institute for Brain and Mental Health at Monash University in Melbourne, Australia. Emily’s doctoral research explored the link between cognitive reserve and stroke recovery, with a focus on cognitive and upper-limb motor recovery. The substantial overlap between risk factors for stroke and Alzheimer’s disease dementia stimulated her interest in understanding relationships between modifiable risk factors, including cardio- and cerebrovascular health, and their manifestation as changes in cognition and behaviour. Under the mentorship of A/Prof Yen Ying Lim, Emily’s postdoctoral research investigates vascular, lifestyle, and genetic contributions to cognitive decline and dementia. A large proportion of Emily’s work involves the facilitation and analysis of data within BetterBrains, a lifestyle prevention randomised controlled trial to prevent or delay cognitive decline in middle-aged adults at-risk of dementia. In addition to her scientific work, Emily is a passionate science communicator and advocate for women in science and is frequently involved in community outreach activities aimed at brain health education and increasing the visibility of women in science.

INS Arthur Benton Award for Mid-Career Research
Dr. Raymond Chan, Institute of Psychology, Chinese Academy of Science, China

Dr. Raymond Chan is a Principal Investigator and a Distinguished Professor of Neuropsychology and Applied Cognitive Neuroscience at the Institute of Psychology of the Chinese Academy of Sciences, and holds honorary professorships at the Department of Psychiatry, the University of Hong Kong, and Shanghai Mental Health Centre. Dr. Chan’s research interests lie in three main areas, including the identification of biomarkers or endophenotypes for schizophrenia and related disorders, developmental and experimental psychopathology of schizophrenia spectrum disorders, especially for anhedonia and amotivation, and the investigation of the unique and shared features across diagnostic and subclinical groups. Dr. Chan’s team has been actively involving in the development and validation of a set of measures capturing anhedonia and amotivation along and across the spectrum of schizophrenia. These works may contribute to the understanding of psychopathology in both clinical and subclinical samples and facilitate cross-cultural studies. Dr. Chan is the founding member of the Schizotypy Working Group of the ENIGMA, the steering committee member for the International Consortium for Schizotypy Research, the Regional Representative for Asia of the Global Engagement Committee of the International Neuropsychological Society. He has been the Member of the European Academy of Sciences and Arts (Medicine) (2021), Fellow for the Association for Psychological Science (2017), the recipient for the Distinguished Young Scientist Award from the National Natural Science Foundation China (2010), and the Young Investigator Award from the NARSAD (2003).
Awards

INS Lifetime Research Award
Dr. Til Wykes, King’s College London, UK

Dame Til Wykes is a professor and Head of School at the Institute of Psychiatry, Psychology and Neuroscience at King’s College London as well as a consultant clinical psychologist at the South London and Maudsley NHS Foundation Trust. She has developed, tested, and implemented novel treatments for people with a diagnosis of schizophrenia. She led the NHS-wide infrastructure to support mental health research for the National Institute of Health Research (NIHR) and is an NIHR senior investigator and NIHR Senior Spokesperson on mental health research. In addition to her scientific studies, grants, and publications, her research has had impact through the development of the CIRCuiTS cognitive remediation software and novel co-production methods that are used internationally. She influenced national and international research strategies through the European ROAMER (Wykes et al 2015), and UK Mental Health Research Goals projects (Wykes et al 2021). She has championed Patient and Public Involvement (PPI) by founding the renowned Service User Research Enterprise which employs excellent researchers with experience of using mental health services. Her influence has been recognised by the British Psychological Society (2014), a GUINNESS WORLD RECORD™ for the Largest Mental Health Lesson, a Damehood from the Queen (2016) and by the EPA for Outstanding Achievement by a Woman in Working to Improve Mental Health Care in Europe.

INS Lifetime Education Award
Carmen Junqué, University of Barcelona, Spain

Prof. Carme Junqué obtained the degree in Psychology in 1977 (Universitat Autònoma de Barcelona). She was co-founder of Neuropsychology Catalan Society in 1980 and achieved the doctoral degree in 1983. She had a position of Clinical Neuropsychologist at the Neurology Service, Hospital de St Pau Barcelona, the same year. She is full professor of Neuropsychology at the University of Barcelona since 1994. She was the head of the department of Psychiatry and clinical Psychobiology for nine years. Nowadays, she is the coordinator of Medical Psychology Unit within the department of Medicine at the Faculty of Medicine and Health Science (UB) and the Head of Studies for the medical degree. She led the group “Neuropsicologia” recognized as group of research of excellence since 1995 (IDIBAPS and Neuroscience Institutes). Her research is focused in brain-behavior relationships using neuroimaging techniques, in special magnetic resonance imaging in its structural and functional modalities. Dr. Junque is coauthor of 334 papers, has an h index of 71 (Scopus) and has supervised 43 doctoral theses. Among several books, we can mention C. Junqué y J. Barroso: Neuropsicología, Síntesis 1994; C. Junqué, M. A. Jurado: Envejecimiento y Demencias, Martínez Roca 1994; C. Junqué, O. Bruna, M. Mataró: Traumatismos craneoencefálicos. Un enfoque desde la neuropsicología y la Logopedia, Masson 1997; C. Junqué y J. Barroso: Manual de Neuropsicología, Síntesis 2009; C. Junqué, O. Bruna, M. Mataró. Neuropsicología del lenguaje: funcionamiento normal y patológico, Masson, 2004. O. Bruna, M Puyelo, C Junqué y A Ruano. Rehabilitación neuropsicológica. Elsevier Masson, 2011.
INS Special Interest Groups (SIGs)

INS Special Interest Groups (SIGs)
The INS offers to members the opportunity to organize Special Interest Groups (SIGs) to help networking and communication. What is the purpose of the Special Interest Groups established by the INS? SIGs may be established to facilitate the formation of research, clinical, and training specialties of an intra- or cross-disciplinary nature and to increase the exchange of knowledge within research arenas of special interest, and for other reasons in keeping with achieving the mission of the INS. The purpose of the SIGs is to: advance knowledge about an area of interest; encourage scholarly inquiry related to research, training, or clinical practice; and encourage international research or clinical collaborations, networking, and/or promote the use of research to improve the area of interest and public good.

More info at: https://www.the-ins.org/sigs/

Have a look to some of the SIGs events during the meeting in Barcelona 2022:

**INS NeuroOncology SIG**
Several members of the NeuroOncology SIG will be attending the meeting in Barcelona. This SIG welcomes all who are interested in this fascinating field, working with adults or children, to get together. This is an opportunity to meet, get to know each other and talk about our work. We invite all that are interested to join (please allocate the time and place). We have our webinar series, which is at this link: https://www.the-ins.org/sigs/oncology-sig-webinars/ but the webinar link requires viewers to first be logged into the INS website.

For further information or details please contact this SIGs co-chairs:
Michael W. Parsons Ph.D., (Mwparsons@mgh.harvard.edu),
Lisa Jacobson Ph.D., (jacobson@kennedykrieger.org), and
Michele Sadeh Ph.D., (michelle.sadeh@gmail.com).

**INS NeuroCOVID SIG**
The INS NeuroCOVID SIG will be meeting in Barcelona. This is an excellent opportunity to meet the group and to join their aims and ongoing projects.

Also, if you are interested in this topic, the NeuroCOVID SIG is presenting a special Symposium in the Barcelona meeting that will take place on Thursday July 7 in the morning, at 8.30am CST specifically.

For further information or details please contact this SIGs co-chairs:
Lucette Cysique, Ph.D., (lcysique@unsw.edu.au),
Emilia Łojek, Ph.D., (emilia@psych.uw.edu.pl), and
Bernice Marcopulos, Ph.D. (marcopba@jmu.edu).

NeuroCOVID-19 SIG will be meeting on July 7 from 1-2 pm in the Meeting Room next to the registration desk (online option also available—https://unsw.zoom.us/j/88316151105?pwd=bm5ZZmxoLOFlLdmJQRHIDY2pVM-1JuQT09; Password: 921986).
INS Brain Injury SIG

Several members of the INS Brain Injury SIG will be attending the meeting in Barcelona. The Brain Injury (BI) SIG focuses on neurological insults across the lifespan. The BI SIG allows individuals interested in brain injury to share unique research methods and clinical practices. For this SIG, brain injury is defined broadly to include both traumatic and acquired forms of brain injury (e.g., stroke, anoxic injury) in both children and adults to allow a large number of clinicians and researchers, with an interest in brain injury, to connect and collaborate. Our ultimate goal is to increase collaboration among members involved in brain injury clinical services and research, and to increase the profile of brain injury at INS meetings. In the future, we hope to create subgroups (e.g., concussion, moderate-severe TBI, pediatric brain injury, stroke, etc.) within the larger SIG to better accommodate subspecialties. Our membership is diverse as it includes members from around the world with different backgrounds, career levels, ethnicities, and those with/without disabilities.

Brain Injury SIG will be meeting on July 7 from 3-4 pm in the Meeting Room next to the registration desk.

If you are interested in joining us, please email co-chairs:

Lena Dobson, Ph.D., (Dobson@scandinneuro.com)
Christine Koterba, Ph.D., (Christine.Koterba@nationwidechildrens.org)
Nicholas Ryan, Ph.D., (nicholas.ryan@mcri.edu.au)
Interested in joining a SIG? Email & Join!

- **Bables, ToddlerS, and Young children (BITSY) SIG** - aims to increase collaboration among neuropsychologists working with children. ludwigN@kennedykrieger.org
- **Brain Injury (BI) SIG** - focuses on neurological insults across the lifespan. dobson@scandinicneo.com
- **Cultural SIG** - has aims to elevate the quality of research on cultural neuropsychology. ldmedin4@central.uh.edu
- **Dementia SIG** - was founded to promote scholarly conversations around dementias. dementiasig@the-ins.org
- **Epilepsy SIG** - is focused on the science and practice of epilepsy. epilepsyneuropsych.org@gmail.com
- **Movement Disorders SIG** - focuses on research and collaboration pertaining to movement disorders. roberta.biundo@unipd.it
- **NeuroCOVID-19 SIG** - aims to create a platform for sharing and constructively reviewing testing protocols/methods related to COVID-19. lcysique@unsw.edu.au
- **Neuropsychological Intervention SIG** - aims to advance research and clinical practices to support individuals with neuropsychological conditions. interventionsigmanager@the-ins.org
- **Oncology SIG** - focuses on the integration of neuropsychology and cancer, and has goals in multiple domains. mwparsons@mgh.harvard.edu
- **Social Cognition, Emotion and Communication (SEC) SIG** - aims to better understood theoretical mechanisms related to social cognition, emotion, and communication. s.mcdonald@unsw.edu.au
- **Sports Neuropsychology SIG** - aims to promote clinical practices and research that benefit the welfare of athletes. broshek@virginia.edu
- **TeleNeuropsychology SIG** - will provide a forum to discuss the latest advances in the science and clinical practice of teleneuropsychology. yquiroz@mgh.harvard.edu
- **Worldwide Initiative for Neuropsychological Data Sharing (WINDS) SIG** - aims to build the infrastructure that will facilitate shared methods for data collection. windssigmanager@the-ins.org
Keynote Speakers

**TIL WYKES**
King’s College London, United Kingdom

**Wednesday, July 6TH, 12:00-13:00, AXA Auditorium**
Improving recovery in people with schizophrenia through cognitive remediation therapies

**Bio**
Professor Dame Wykes is professor of Clinical Psychology and Rehabilitation at the King’s College of London and Vice Dean for Mental Health & Psychological Sciences at the IoPPN. Professor Wykes has a wide ranging portfolio of research into treatment developments and evaluation including digital technology solutions to mental health treatment.

She has been involved in research in mental health treatments and services for many years and is currently part of SMARTEN, an ESRC funded network on student mental health. She founded and is now Co-Director of the Service User Research Enterprise (SURE), which employs expert researchers with experience of using mental health services. She edits the Journal of Mental Health, is president elect of the Schizophrenia International Research Society, and chair of the Cognitive Remediation Experts Workshop. She is fellow of the Academy of Medical Sciences, the Academy of Social Sciences and the British Psychological Society. She was awarded a Damehood for her work in mental health.

**IDA SUE BARON**
George Washington University, Washington, DC, USA

**Wednesday, July 6TH, 16:30-17:30, AXA Auditorium**

**Bio**
Dr. Baron is Clinical Professor Emerita at The George Washington University School of Medicine & Health Sciences in Washington, DC, where she initiated a neuropsychology service at Children’s National Medical Center in Washington, DC in 1971. She recently retired from independent private practice. She is board certified as a Clinical Neuropsychologist and as a Subspecialist in Pediatric Clinical Neuropsychology by the American Board of Clinical Neuropsychology (ABCN), and past-President of the ABCN Board. Her child development background and clinical experience as a lifespan neuropsychologist provided opportunities for widely ranging research involvement, including with preschoolers born preterm.

Dr. Baron has authored or edited several neuropsychology textbooks, including Neuropsychological Evaluation of the Child: Domains, Methods, Case Studies, 2nd Ed. (2018). A new volume about neuropsychological development through the preschooler years is in preparation.
Keynote Speakers

**CHIARA NOSARTI**
King’s College London, United Kingdom

**Thursday, July 7TH, 12:00-13:00, AXA Auditorium**

**Brain and behaviour following very preterm birth**

**Bio**
Professor of Neurodevelopment and Mental Health in the Department of Child and Adolescent Psychiatry at the Institute of Psychiatry, Psychology and Neuroscience and Head of Psychology and Outcome Studies at the Centre for the Developing Brain, King’s College London. Her research focuses on the study of neurodevelopmental outcomes in typically and atypically developing individuals across the life-span.

Chiara leads the follow-up of several longitudinal studies, including the Developing Human Connectome Project and the Evaluation of Preterm Imaging study. Chiara uses multimodal neuroimaging in combination with cognitive, behavioural, social and environmental data in order to identify those children who are most vulnerable to psychopathology.

**RAFAEL YUSTE**
Columbia University, New York, USA

**Thursday, July 7TH, 15:00-16:00, AXA Auditorium**

**NeuroRights: Human Rights Guidelines for Neurotechnology**

**Bio**
Professor of Neurobiology, one of the initiators of the Obama´s BRAIN Initiative, director of Columbia’s Neurotechnology Center and the Director of the NeuroRights Initiative.

Yuste is a Neurobiology Professor and one of the initiators of the Obama´s BRAIN Initiative.

Since 2004 he is also co-director of the Kayli Institute for Brain Science at Columbia University and since 2014 the director of Columbia’s Neurotechnology Center.

In 2013 Yuste received the NIH Director’s Pioneer Award with a grant to fund research to test the hypothesis of the cortex as a random circuit using novel two-photon imaging methods in a large-scale study of the mouse cortical microcircuit. Since 2019 he has been the Director of the NeuroRights Initiative.
Keynote Speakers

HANS-OTTO KARNATH
Centre for Neurology of Tuebingen University, Germany

Friday, July 8TH, 12:00-13:00, AXA Auditorium
Spatial neglect and the vestibular system

Bio
Full Professor of Neurology and Neuropsychology at the University in Tuebingen, Germany. He directs the Division of Neuropsychology at the Centre for Neurology of Tuebingen University; the Division has a focus on spatial cognition and object recognition in humans. Since 2010 he also is Adjunct Professor at the Department of Psychology of the University of South Carolina, USA. He received a Ph.D. in psychology, and an M.D. in medicine. In 2021, he became president of the Federation of European Societies of Neuropsychology (FESN).

ADAM M. BRICKMAN
Columbia University, New York, USA

Friday, July 8TH, 17:30-18:30, AXA Auditorium
Alzheimer’s disease or Alzheimer’s diseases? Contemporary classification and the role of white matter abnormalities

Bio
Adam M. Brickman, PhD is a tenured Professor in the Taub Institute for Research on Alzheimer’s Disease and the Aging Brain and in the Department of Neurology at Columbia University. Dr. Brickman’s work primarily focuses on understanding the vascular contributions to cognitive aging and Alzheimer’s disease by integrating neuroimaging techniques with observational neuropsychological studies, basic neuroscience, and epidemiological approaches. He is also interested understanding sources of racial and ethnic disparity in Alzheimer’s disease, developing interventions for cognitive decline in aging, and designing neuropsychological instruments to assess cognition in older adults.

Dr. Brickman leads neuroimaging efforts in several large community- and clinic-based observational studies, such as the Washington Heights Inwood Columbia Aging Project (WHICAP), the WHICAP Offspring Study, the Alzheimer’s Biomarker Consortium-Down Syndrome (ABC-DS), and others. Dr. Brickman is the Core Leader of the newly established Columbia Alzheimer’s Disease Research Center Biomarker Core.

Dr. Brickman completed his undergraduate studies in neuroscience and psychology at Oberlin College, his PhD in psychology/neuropsychology at the City University of New York, his clinical internship at Brown Medical School, and his postdoctoral training at Columbia University, where he has been on faculty since 2007.
CE Workshops

JON EVANS
University of Glasgow, United Kingdom

Wednesday, July 6TH, 09:00-12:00,
AXA Auditorium

Neuropsychological rehabilitation for attention and executive functioning: evidence-based strategies

Attention and executive functions are fundamental for successful everyday living, frequently impaired by brain injury or disease, and therefore important targets for rehabilitation interventions. This session will begin with an overview of some of the key theoretical frameworks that aim to explain the cognitive and anatomical systems that support attention and executive functions. The use of these theoretical models in the formulation of attention and executive dysfunction in the context of brain injury or disease will be discussed. There will be a particular focus on the use of formulation to drive the selection of appropriate rehabilitation interventions. A range of evidence-based approaches to the rehabilitation of attention and executive functions will be presented, illustrated with examples of their application in clinical practice.

Learning Objectives

Attendees of this workshop will be able to: 1) Describe, and appraise, current theoretical models of attention and executive functioning; 2) Describe how the assessment and formulation of attention and executive functions can be used to guide selection of appropriate approaches to intervention in people with acquired brain injury; 3) Describe a range of evidence-based approaches to managing attention/executive functions and how they can be applied in clinical practice.

Bio

Jon Evans is Professor of Clinical Neuropsychology at the University of Glasgow and honorary Consultant Clinical Psychologist with NHS Greater Glasgow and Clyde. Jon was the first Clinical Director of the Oliver Zangwill Centre for Neuropsychological Rehabilitation in Ely, Cambridgeshire. He has received several awards from the British Psychological Society including the May Davidson Award, the Barbara Wilson Lifetime Achievement Award and the M.B Shapiro award. Jon has published more than 200 papers, books and book chapters in the field of neuropsychology and has a particular interest in the assessment and rehabilitation of disorders of attention and executive functioning after brain injury. He is Incoming President of the International Neuropsychological Society.
SKYE MCDONALD
University of New South Wales, United Kingdom

Wednesday, July 6TH, 09:00-12:00, AXA Hall 1
Social Cognition: How to intervene and what works

This session will introduce participants to basic constructs associated with social cognition and also some common instruments used for measurement. It will then focus on social cognition remediation. This will commence with a coverage of theory and main tenets associated with remediating social cognition based on the literature that spans the treatment of social cognition impairments arising from neurodevelopmental, neuropsychiatric and neurological disorders. It will discuss theoretical approaches based on principles of cognitive remediation, behavioural approaches and cognitive behavioural therapy. Specific aspects of remediation that take into account poor cognitive abilities and facilitate generalization, relevance and motivation will be covered. By way of example, the workshop will focus on some specific treatment approaches for remediating emotion perception, social skills and theory of mind (metalizing).

Learning Objectives
This workshop is designed to assist you: 1) Describe different theoretical approaches to remediating social cognition; 2) Explain why certain approaches may be more suitable than others for different kinds of social cognitive impairment; 3) Select the most appropriate approach to remediating social cognition for the kind of client you are working with.

Bio
Professor Skye McDonald is Professor of Clinical Neuropsychology at the University of New South Wales. She is interested in understanding socio-emotional disorders following brain damage (due to traumatic injuries, neurological disorders, e.g. MS and stroke and degenerative disorders, e.g. Alzheimer’s) and developmental disorders. Her research has both theoretical and clinical relevance. Professor McDonald’s work has direct applications to the assessment and treatment of such disorders.
CE Workshops

MELISSA LAMAR
Rush University Medical Center, USA

Wednesday, July 6TH, 09:00-12:00, NH Constanza Hotel – Barcelona Hall
Alzheimer’s/Vascular Spectrum Dementia: Classification, Diagnosis, and Underlying Neuropathologie

Conceptualizations surrounding Alzheimer’s and Vascular dementias have changed, for some, over the decades since the original diagnostic criteria for these neurodegenerative disorders were introduced. What has not changed for any, is the fact that the number of people diagnosed and living with these dementias continues unabated and there is no cure in sight. While targeting specific neuropathologies for drug development may make heuristic sense, clinically, ‘pure’ forms of Alzheimer’s and/or Vascular dementia are rare. This CE workshop will not only outline research attempting to elucidate the interplay of these two dementing disorders, but discuss what it means for clinical assessment and diagnosis, and how it is represented in the underlying neuropathology present at death. Thus, while Alzheimer’s and Vascular dementias may have distinguishing cognitive features in the earliest stages of disease, these features are more often than not present together for a more mixed profile of impairment. As the same may be said for their post-mortem neuropathological profiles, perhaps a better way to think of ‘pure’ Alzheimer’s or Vascular dementia may be as two tails of a larger distribution along an Alzheimer’s/Vascular Spectrum Dementia.

Learning Objectives
By the end of this workshop, attendees will have achieved the following learning objectives: 1) Discuss research outlining the interplay of Alzheimer’s and Vascular dementias; 2) Explain assessment and diagnostic techniques for evaluating Alzheimer’s/Vascular Spectrum Dementia in his/her/their practice; 3) List the underlying neuropathological profiles that may be present at death in individuals along the Alzheimer’s/Vascular Spectrum.

Bio
Melissa Lamar, PhD, is a Professor in the Department of Psychiatry and Behavioral Sciences at Rush University Medical Center, and a Clinical Neuropsychologist in the Rush Alzheimer’s Disease Center. She received her PhD in Clinical Neuropsychology from Drexel University and completed her postdoctoral training in Cognitive Neuroscience within the intramural program of the Laboratory of Behavioral Neurosciences at the National Institute on Aging. She worked at the Institute of Psychiatry King’s College London and the University of Illinois at Chicago prior to joining the Rush faculty in 2016. Her research focuses on cardiovascular, cognitive and brain aging with a particular focus on Latinos and African Americans. Dr. Lamar employs novel neuroimaging and data analytic techniques including geographic information system mapping to identify modifiable factors that may increase health equity in brain aging. Additionally, she incorporates digital technology into her work assessing cognitive functioning to detect subtle alterations in behavior and pin-point their roots in brain. Dr. Lamar has published extensively on brain-behavior profiles of risk and resilience to Alzheimer’s disease and related dementias and has received numerous honors and awards including Fellows status of the American Psychological Association and the Arthur Benton Award for Mid-Career Research from the International Neuropsychological Society.
CE Workshops

T. RUNE NIELSEN
Copenhagen University, Denmark

Wednesday, July 6TH, 09:00-12:00, NH Constanza Hotel – Berlin Hall

Neuropsychological Assessment and diagnosis in culturally diverse populations

Although a certain degree of diversity has always been present in Europe, diversity levels have increased greatly over the last decades, starting with the immigration of labor workers from countries outside Europe in the 1960s and 1970s, followed by the influx of asylum seekers and refugees in more recent years. Several minority ethnic groups are at an increased risk of medical conditions that are associated with cognitive impairment, such as stroke, diabetes mellitus, and dementia. As a result, neuropsychologists in Europe will increasingly encounter patients from minority ethnic groups in their daily practice.

Several characteristics of minority ethnic groups may pose unique challenges to neuropsychologists. First, limited proficiency in the host country language is widespread among recently arrived immigrants and older people in some minority ethnic groups. Second, neuropsychologists may encounter substantial cultural barriers in their clinical practice. Third, low education levels or illiteracy are common among (older) people in various minority ethnic groups. Taking these barriers into consideration, administering a cross-cultural neuropsychological assessment requires neuropsychologists to acquire culture-competent skills and knowledge.

This workshop will present and discuss how language, (quality of) education, literacy, and culture may influence neuropsychological assessment based on recent research and clinical examples from the European context. Further, several newly developed cross-cultural neuropsychological tests for minority ethnic groups in Europe will be presented.

Learning Objectives
At the end of the workshop participants will be able: 1) To predict and explain language, cultural and educational influences on cognition and neuropsychological test performance; 2) To critically reflect on the validity and outcome of various neuropsychological tests when used for cross-cultural assessments; 3) To use this knowledge to prepare and conduct culturally informed neuropsychological assessments.

Bio
T. Rune Nielsen has been involved in research on cross-cultural neuropsychology and dementia in minority ethnic groups for more than a decade and has several years of clinical experience from the memory clinic setting. His research has mainly focused on challenges and possible solutions in cross-cultural neuropsychological assessment, and more recently post-diagnostic dementia care in minority ethnic groups. He is cofounder of Nordic and European research networks on dementia in minority ethnic groups and cross-cultural neuropsychology, has published more than 40 scientific papers on the topics, and has presented his research at several national and international seminars and conferences.
Symposium

SYMPOSIA SPONSORED BY THE SPANISH FEDERATION OF NEUROPSYCHOLOGICAL SOCIETIES (FANPSE)

Brain Resilience and Maintenance in Advanced Age: Mechanisms and Study Frameworks

Friday, July 8th, 08:30-10:00, AXA Hall 1

Chair:
David Bartrés-Faz, University of Barcelona, Spain

SYMPOSIA SUMMARY

From different frameworks, we will focus on factors and brain mechanisms that contribute preserved function in aging. Dr. Natalie Marchant will present evidence of how psychological aspects associate with cognition and brain health markers. Within the framework of resilience and resistance to Alzheimer’s Disease (AD), Dr Arenaza-Urquijo will discuss the importance of a sex/gender and lifespan perspective to account for the impact of lifestyles and stress managing. Dr. Lars Nyberg will argue how the concept of brain maintenance can explain neural and non-neural factors that regarding interindividual differences in memory and cognition. Finally, how the use of non-invasive brain stimulation represents a unique approach to investigate and enhance brain mechanisms underlying brain resilience and brain maintenance will be discussed by Dr. David Bartrés-Faz.

Can the way we think affect our cognitive and brain health?
Harriet Demnitz-King

Resilience and resistance to Alzheimer’s disease: mental health and lifestyle in people at increased risk for cognitive decline
Eider M. Arenaza-Urquijo

Brain maintenance in aging – current status and future prospects
Lars Nyberg

Non-invasive brain stimulation to characterize and enhance brain resilience
David Bartrés-Faz
SYMPOSIA SPONSORED BY THE INS-SPECIAL INTEREST GROUP NEUROCovid

Cross-Cultural Considerations and Updated International Results

Thursday, July 7th, 08:30-09:50, AXA Auditorium

Chair:
Jose A. Muñoz-Moreno, Germans Trias i Pujol Hospital, Spain

SYMPOSIA SUMMARY

There is an urgent need to develop rigorous investigation in NeuroCOVID, with neuropsychology as a fundamental pillar of this research. The study of neurocognitive complications is necessary in people with COVID-19 infection because SARS-CoV-2 negatively impacts the central nervous system. Moreover, symptoms may persist over time after the infection. Indeed, Long COVID is a clinically significant syndrome in about 15-20% of people who have had COVID-19, which impacts meaningfully on everyday living and quality of life. Because the pandemic is evolving, there is increasing evidence that NeuroCOVID is a central concern of COVID-19 making the role of the NeuroCOVID INS SIG ever relevant, with the main purpose of providing updated clinical and research resources in this new field of research. For the present INS 2022 Meeting in Barcelona (Spain), the SIG proposes the development of a symposium to point out relevant cross-cultural considerations in the NeuroCOVID field, as well to offer international results on pediatrics, rehabilitation, Long COVID, and a multicenter neuropsychological collaboration. This symposium will provide updated results on NeuroCOVID research, emphasizing the relevance of international neuropsychological collaborations in the assessment of COVID-19-related neurocognitive complications, as well as the necessity of rigorous and revealing results of the effects of COVID-19 infection in the central nervous system.

Inside Out and Upside Down: How COVID-19 Pandemic Has Been Affecting the Mental Health of Children and Youth
Theodore C.K. Cheung

Neurocognitive Rehabilitation of post- COVID-19 Patients: Review of international perspectives
Kalliopi Megari

Neurocognitive Profiles of Adult COVID-19 Long Haulers from a Multi-Center Health System in New York
Joanne Festa

Olfactory and Neurocognitive Function in Adult COVID-19 Survivors. A Multi-Center Study Online
Emilia Łojek

Relevant Cross-Cultural Aspects in NeuroCOVID: Primary Considerations from the NeuroCOVID INS SIG
Jose A. Muñoz-Moreno
Symposium

Cognitive Rehabilitation and Neuroimaging in Clinical Populations

Thursday, July 7th, 10:00-11:20, AXA Auditorium

Chair:
John DeLuca, Kessler Foundation, USA

SYMPOSIA SUMMARY

Evidence for cognitive rehabilitation has been accumulating for the past several decades across various clinical populations. More recently this evidence has started to include changes in the brain which have been shown to be associated with rehabilitation effectiveness. This symposium will summarize the behavioural and neuroimaging data associated with cognitive rehabilitation in four clinical populations: Traumatic Brain Injury, Schizophrenia, Multiple Sclerosis, and Aging and Dementia. Presentations will be given by leading researchers/clinicians from each respective field. Speakers will present current research findings, discuss the limitations of this work and discuss future research needs regarding behavioural and neuroimaging aspects of cognitive rehabilitation in each of their respective areas of expertise. The four presentations will be followed by a discussion on how such work impacts on clinical applicability currently and in the future.

Cognitive rehabilitation and neuroimaging in TBI
Alessandro Cicerale

Cognition oriented treatments and neuroimaging in Aging & Dementia
Benjamin Hampstead

Cognitive rehabilitation and neuroimaging in MS
John DeLuca

Cognitive Rehabilitation and Neuroimaging in Schizophrenia
Agurne Sampedro

Discussant and Q&A
Natalia Ojeda
SYMPOSIA SUMMARY

Neurodegenerative diseases, such as Alzheimer’s and Parkinson’s, have been the object of numerous neuropsychological studies in the last couple of years. Indeed, the rapid aging of the world population and the consequent increase in the prevalence of these age-related conditions, require immediate actions in order to improve diagnostic, treatment and, possibly, prevention strategies. However, despite the tremendous progresses made so far, one aspect of these diseases that is still lacking attention is the affective one. Indeed, while the cognitive and behavioural abnormalities in these disorders have been extensively studied, with research efforts also focused on the development of dedicated interventions, evidence concerning the impact of neurodegenerative disease on mood and affect are still scarce. This imbalance gives us an incomplete picture of these unfortunately always more frequent diseases, and therefore does not allow to make real progresses in their management and prevention strategies. Hence, with the present symposium we want to shed light on the affective side of pathological aging, presenting new evidence on 1) the impact of depression, anxiety and psychological distress in the manifestation of impulsive-compulsive behaviours of patients with Parkinson’s disease, 2) the associations between depressive symptoms and cognitive performances in elderly outpatients with cognitive impairment, 3) the state and trait markers of Impulsive Compulsive Behaviours in Parkinson’s and 4) progresses on the development of new treatment interventions for depressive symptoms in patients with Parkinson’s disease.

Negative affect in Parkinson’s disease: evidence from the COVID-19 pandemic
Elisa Di Rosa

Are affective disorders the first symptoms of cognitive impairment? Evidence in a sample of elderly outpatient
Alberto Sardella

Exploring state and trait markers of Impulsive Compulsive Behaviors in Parkinson’s
Nicky Edelstyn

Dancing and music therapy to improve well-being and depression in Parkinson’s Disease
Annelien Duits
The Utilization of Wearable and Passive Technology in the Monitoring of Mental and General Health Status

Thursday, July 7th, 16:30-17:50, AXA Hall 1

Chair: Isaac Tourgeman, Albizu University, USA

SYMPOSIA SUMMARY

This symposium is a multicenter collaboration featuring Albizu University and Massachusetts Institute of Technology - Institute for Medical Engineering and Science (imes) discussing the use of wearable technology to monitor neuropsychological and general health in a non-clinical population. Our research group is comprised of collaborators from multiple institutions and countries such as the United States, Mexico, Jamaica, Puerto Rico, Spain and China to address the health needs in our communities by focusing on providing technological advances to underserved populations. The primary goal of this symposium is to outline a study that has been designed to assess the utility of wearable and passive technology for data collection. A secondary goal of this symposium is to provide future directions and advice for those clinicians who aim to incorporate this technology into their own patient care, feedback, and rehabilitation. A pilot study is proposed to assess how data gathered via technology platforms can inform clinical prediction and correlate to gold standard questionnaire measurements in a cohort of college students. The findings attained from the non-clinical pilot study will then be incorporated into a multiphase clinical study incorporating the use of wearable and passive technology for the health monitoring of clinical participants with a history of cardiovascular disease and neuropsychological symptomaticology. As background for our pilot study, we as a team have conducted a series of literature reviews to understand ideas such as digital phenotyping, public opinions on wearable technology, utility of technological data for monitoring psychological symptomaticology, and the overall relationship between cardiovascular disease and mental health. Our research has been detailed in the four abstracts associated with this symposium with the intention of explaining the theory behind our pilot study and posing the questions to our empirical research aims to answer.

The Viability of Utilizing Wearable Technology for Digital Phenotyping
Jessica Frias

Public Opinions on Wearable Technology
Brooks Peterson

The Utility of Passive and Portable Sensor Data for Monitoring the Symptomatology of Depression and Anxiety
Dayron Gonzalez

Relationship Between the Methods of Monitoring Cardiovascular Disease and Mental Health
Stanley Chen
SYMPOSIA SPONSORED BY ASOCIACIÓN LATINOAMERICANA DE NEUROPSICOLOGÍA (ALAN)

Neuropsychological research in the Americas: From genes to brain, cognition, and everyday mental health

Thursday, July 7th, 18:00-19:20, AXA Auditorium

Chair:
Mauricio A. Garcia-Barrera, University of Victoria, Canada

SYMPOSIA SUMMARY

In this symposium, members of the Asociación Latinoamericana de Neuropsicología (ALAN) will present their recent neuropsychological research studies involving adolescents, adults, and older adults, and utilizing traditional and novel neuropsychological methods for the examination of brain and cognition relationships, including genetic genotypification, structural neuroimaging, neuropsychological assessment, and ecological momentary assessment (EMA). Specifically, Dr. Chamorro from the Institute of Neurosciences at the University of Guadalajara will present a study examining the relationships between a polymorphism of the catechol-O-methyltransferase (COMT) gene called Val158Met and mathematical skills, specifically looking at the contributions of executive functions to those associations. Also, from the University of Guadalajara's Institute of Neuroscience, Dr. Matute will discuss a longitudinal study examining memory and executive function change on a group of preclinical carriers of a mutation of the amyloid precursor protein (APP) associated with autosomal dominant AD (ADAD) and the valine to isoleucine amino acid substitution (V717I) versus non-carrier controls. Continuing with the theme examining typical and atypical aging, Dr. Rosselli from Florida Atlantic University will discuss a neuroimaging study looking at a series of associations between clinical diagnosis (from healthy aging to dementia), language experiences, and the volume of the corpus callosum and associated tracts in monolingual and Spanish-English bilingual older adults. To end, Dr. Garcia-Barrera from the Cortex Lab at the University of Victoria, will discuss a RCT study examining the effects of an 8-week physical activity training on the mental health of older adults, and specifically, data collected using a downloadable app designed for remote (online) EMA.

Contribution of Val158Met COMT polymorphism to mathematical skills
Yaira Chamorro

Memory and executive changes in preclinical carriers of the V717I mutation of APP causal of Autosomal Dominant Alzheimer's Disease (ADAD)
Esmeralda Matute

Bilingualism and Interhemispheric Brain Connectivity in Aging
Mónica Rosselli
SYMPOSIA SPONSORED BY THE INS STUDENT LIAISON COMMITTEE

Impact of cultural diversity on neuropsychological assessment and rehabilitation

Thursday, July 7th, 18:00-19:20, NH Constanza Hotel – Barcelona Hall

Panelists:
Jon Evans, Alberto Fernandez, Skye McDonald

SYMPOSIA SPONSORED BY THE INS CULTURAL SPECIAL INTEREST GROUP

Across cultures: Neuropsychological assessment of patients with focal and neurodegenerative disease

Friday, July 8th, 08:30-10:00, AXA Auditorium

Chair:
Francesca Arias, Hebrew SeniorLife, USA
Claudia Peñaloza, Cognition and Brain Plasticity Group, Spain

SYMPOSIA SUMMARY

While using instruments that are congruent with the cultural and linguistic background of patients is expected in neuropsychological evaluations, resources to support these efforts are scant. The issue is more pronounced in age-related neurodegenerative diseases, as their prevalence is predicted to triple in the next three decades. Furthermore, older adults are often less acculturated compared to younger peers. This symposium aims to discuss factors relevant to culturally-competent translation and adaptation of tests as well as cognitive assessment of diverse populations. The challenges of this work will be illustrated with examples of patients with neurodegenerative diseases and focal brain lesions. Our symposium leverages global perspectives and aligns with recent emphasis on equity in clinical neuropsychology.

The first abstract sets the stage by providing a framework to guide the decision to adapt existing instruments or develop new ones. In this analysis of literature, Dr. Hallowell delineates the pros and cons associated with each alternative and the overarching social, cultural, and professional considerations that must inform this choice. The next abstract summarizes the socio-cultural and linguistic aspects relevant to cognitive assessments of Arabic-speaking patients. Dr. Taiebine will conclude his presentation by describing limitations associated with existing instruments and proving recommendations for clinicians working with Arabic-speakers. The last two abstracts illustrate the potential implications of linguistic and cultural diversity in Clinical Neuropsychology practice and research. Drs. Gavarró and Salmos will present results of the validation study for the Catalan version of the Comprehensive Aphasia Test (CAT). The results document the validity of the Catalan version of the CAT and factors such as patient education and age emerged as important predictors of performance. Finally, Dr. Calabria presents results from his investigation on
Symposium

cross-language interference in bilingual Catalan-Spanish patients with Parkinson’s Disease, Mild Cognitive Impairment, and Alzheimer’s Disease.

Overall, this symposium will provide a space to discuss factors relevant to test adaptation and cognitive assessment of linguistically and culturally diverse groups. Studies will illustrate the challenges of working with diverse groups. General recommendations on these topics will be provided.

Translate an existing test in another language or develop an original test? Factors to consider.
Brooke Hallowell

Cultural and linguistic aspects in neuropsychological assessment of neurodegenerative diseases in Arabic.
Mohamed Taiebine

The adaptation and standardization of the Catalan version of the Comprehensive Aphasia Test.
Anna Gavarró and Io Salmons

Cross-language interference and facilitation in neurodegenerative diseases
Marco Calabria
Symposium

Neuropsychological Evaluation and Tasks Proposals to meet needs of the Legal Context

Friday, July 8th, 08:30-10:00, NH Constanza Hotel – Berlin Hall

Chair:
Andrea Horta-Barba, Hospital de la Santa Creu i Sant Pau, Spain

SYMPOSIA SUMMARY

Forensic Neuropsychology is a relative new discipline which is rapidly evolving. It is a subspecialty of clinical neuropsychology which encompasses the application of the neuropsychological science and psychological assessments within a legal context.

The United Nations Convention on the rights of persons with disabilities, held in New York in 2006, has generated very relevant changes in the legislative need to adapt access to justice for persons affected by a disability to guarantee the exercise of their rights.

The Spanish legal system has incorporated these changes, emphasizing the principles of equality and accessibility to establish protection and support measures based on the specific needs of each person. In fact, “Law 8/2021, of June 2, which reforms civil and procedural legislation to support people with disabilities in the exercise of their legal capacity”, represents a paradigm shift in the consideration of these people within the judicial system, both in its civil and criminal aspects. One of the main novelties is that it ends with the consideration of legal incapacitation and that “representative” or “assistance” guardianships will be sought depending on the specific needs of the person.

With regard to people with a cognitive disability, caused by various etiologies, this new legal consideration establishes as an essential requirement that the Prosecutor who acts in this type of procedure request two types of reports: health and social. Neuropsychology professionals, as one of the figures that represent the health area, will be able to receive judicial requests about the description of mental disability and a significant increase in these requests for neuropsychological reports can be expected. The areas that should be covered by, at least, the expert reports (collected in the Doctrine of the State Attorney General’s Office, instruction 3/2010, of November 29), are: a) mental illness or disability indicating its prognosis; b) the affectation in the intellective and/or volitional capacities to govern the personal and patrimonial sphere; c) effects of the disease delimiting the functional skills: skills for independent living, legal-economic-administrative skills, skills on health, for the transport and handling of weapons in relation to the procedure itself, and contractual capacity.

Legislative changes conditions require adapting our work procedures to meet the requirements. People with mental disabilities constitute a huge group and we need specific evaluation procedures that allow knowing the mentioned aspects for the best advice and access to the judicial system.

Forensic neuropsychology has a primary responsibility to provide information based on scientifically-validated neuropsychological principles and clinical methodology that is pertinent to the forensic question. To date, there are growing studies assessing if the instruments used, are suitable to be used in the legal context. Therefore, the aim of this symposium is to present tools that meet acceptable scientific standards in the Courtroom and discuss about the expecting emergent future of forensic neuropsychology.
Symposium

**Neuropsychological Evaluation and Tasks Proposals to meet needs of the Legal Context**
Julia C. Daugherty

**The IDEAL Scale to Staging “Care Needs” in People with Dementia: The Spanish Validation Experience**
Raúl López Antón

**Premorbid Intelligence Calibrated Norms: The Word Accentuation Test and Pseudo-Words Reading Subtest**
Rocio Del Pino

**Detecting cognitive and psychiatric malingering in Italy: an overview**
Alice Naomi Preti
SYMPOSIA SPONSORED BY THE SPANISH CONSORCIO DE NEUROPSICOLOGÍA CLÍNICA

Detection, filiation, assessment, and treatment of visuoperceptive and visuospatial disorders in brain damage

Friday, July 8th, 10:00-11:30, AXA Auditorium

Chair:
Silvia Gamazo Navarro, Chelsea and Westminster Hospital, London, UK

SYMPOSIA SUMMARY

Perceptual and visuospatial alterations in brain damage are relatively frequent. It is estimated that 60% of people who suffer a stroke have some type of alteration in visual perception.

Among the variety of perceptual alterations that can occur, there are different types. Associative, apperceptive agnosias, chromatic agnosias, prosopoagnosia are some types of visual agnosias. Likewise, tactile agnosias such as asteroagnosia, somatic and auditory agnosias are other types of perceptual alterations that may be present.

Spatial function, on the other hand, is responsible for how we orient ourselves and direct our movements in space, and how we locate the environment. It requires our senses, so it is necessary to clearly know the semiology of its alteration.

Its adequate detection and affiliation from clinical semiology is fundamental for the clinic that evaluates brain damage alterations, especially when the perceptual process is a process segregated from the rest and therefore with specific pathways that make it particular.

We present in this symposium the clinical experience of four professionals who have focused their practice on the perceptual alterations. An updated clinical vision of current treatments, investigation and instruments for the care of perceptual and visuospatial disorders of brain damage will be offered.

Cognitive detection and semiology in perceptual and visuospatial alterations
Catarina Cunha

Semiology and cognitive approach in perceptive and visuospatial alterations
Jessica Giuffrida

Advances in the cognitive approach to perceptual and visuospatial alterations
Helena Melero Carrasco
Symposium

Challenges and Advances in Cross-Cultural Neuropsychology in Europe

Friday, July 8th, 10:00-11:30, NH Constanza Hotel – Berlin Hall

Chair:
Clara Calia, University of Edinburgh, Scotland

SYMPOSIA SUMMARY

Neuropsychologists face new challenges as the world becomes more diverse. Most neuropsychological tests have been developed, validated, and normed in Western populations which leads to significant biases when applied to diverse populations. During the last decade, significant clinical and scientific research has been conducted to fill this gap. These issues are at the heart of the European Consortium on Cross-Cultural Neuropsychology (ECCroN) as illustrated by the talks presented by some members of ECCroN in this symposium. This symposium intends to address two important matters. First, we will clarify the challenges in the neuropsychological assessment of minority and ethnic groups and their implications for dementia diagnosis; Then, we will present advances in the development and validation of batteries or individual tests to assess neuropsychological performance in diverse populations. As a whole, the symposium will demonstrate ECCroN’s commitment to developing a more cross-cultural approach to neuropsychology.

European Consortium on Cross-Cultural Neuropsychology (ECCroN)
Co-chair: Clara Calia

The Timely Diagnosis of Dementia in Minority Ethnic Groups in Europe (TIMING) Project
T. Rune Nielsen

Detection of Alzheimer’s Disease in Multicultural Populations: What’s new About the TNI-93 Memory test?
Pauline Narme

Brain and Culture in Europe: the EMBRACED Battery
Inmaculada Ibanez-Casas

CCD and CNTB in Spain and Minority Population in Alzheimer, Parkinson, and Multiple Sclerosis
Alfonso Delgado-Alvarez
SYMPOSIA SPONSORED BY THE FEDERATION OF EUROPEAN SOCIETIES OF NEUROPSYCHOLOGY (FESN)

The contribution of somatosensory deficits to different clinical phenomena

Friday, July 8th, 14:00-15:20, AXA Auditorium

Chair:
Hans-Otto Karnath, Tuebingen University, Germany

SYMPOSIA SUMMARY

The somatosensory system is important for many functions, such as tactile recognition, the perception of our body, and motor actions. Based on a comprehensive review of the human and animal literature on somatosensory processing over the past 10 years and a survey of the brain structures involved in somatosensation, we suggested a new model (de Haan & Dijkerman, 2020, TiCS, p529-541). Two main conclusions were put forward. First, somatosensation is involved in many separate subfunctions supported by highly interconnected networks. The model identifies basic somatosensory processing and five higher-order networks involved in haptic object recognition and memory, body perception, body ownership, affective processing, and action. Second, the nodes within these networks are often multimodal in nature. This multimodal quality emerges from an early stage onwards. For instance, the concept of body image is now conceptualized as a network of different cortical regions in the occipital (EBA), the inferior parietal cortex, and the posterior insula, and all of these areas are multimodal in nature.

An important consequence of these two hypotheses is that damage to the multitude of processing nodes within the highly interconnected networks in the somatosensory ‘system’ may play a role in many different clinical phenomena. Given that from an early stage onwards many of the processing nodes are multimodal, it follows that the repercussions of lesions may affect behaviour in different ways characterised by deficits in touch or proprioception, but that it is also possible to affect behaviour in more intricate fashion, such as in Autism or Gilles de la Tourette syndrome. In this symposium, we will explore this proposition in more detail.

Interacting Components of Body Perception in various Clinical Conditions
Chris Dijkerman

Somatosensory Delusion in Embodiment/Disembodiment Neuropsychological Syndromes
Anna Berti

Somatomotor Processing in Tourette Syndrome
Stephen Jackson
Scientific programme

WEDNESDAY, July 6TH

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<td>14:00-15:20h</td>
<td>PAPER SESSION 1</td>
<td>INS AWARD FOR EARLY CAREER RESEARCH &amp; INS ARTHUR BENTON AWARD FOR MID-CAREER RESEARCH</td>
<td>PAPER SESSION 2</td>
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<td>Factors related to healthy aging</td>
<td>Neuropsychological Assessment &amp; cultural related issues</td>
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<td>SYMPOSIA 1 (Sponsored by the INS-Special Interest Group NeuroCOVID) Jose A Muñoz-Moreno (Chair): “Neuro Covid: Cross-Cultural Considerations and Updated International Results”</td>
<td>PAPER SESSION 4 New approaches to Cognitive rehabilitation</td>
<td>PAPER SESSION 5 Assessment and treatment response in TBI</td>
<td>PAPER SESSION 6 Everyday memory failures and confabulation</td>
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<td>10:00–11:20h SYMPOSIA 2 (Sponsored by the INS-Special Interest Group NeuroCOVID) Jose A Muñoz-Moreno (Chair): “Neuro Covid: Cross-Cultural Considerations and Updated International Results”</td>
<td>PAPER SESSION 7 Infectious disorders and Neuropsychology: Covid and HIV</td>
<td>PAPER SESSION 8 Executive functions and control-inhibition</td>
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<td>PAPER SESSION 10 Neuropsychology of ADHD in childhood and adulthood</td>
<td>PAPER SESSION 11 Cultural and social aspects influencing neuropsychological assessment</td>
<td>PAPER SESSION 12 The role of cognitive, subjective and biological factors in TBI</td>
<td>PAPER SESSION 13 Stroke: cognitive and emotional consequences</td>
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<td>SYMPOSIA 3 (Sponsored by Asociación Latinoamericana de Neuropsicología (ALAN) Mauricio García-Barrera (Chair): “Neuropsychological research in the Americas: From genes to brain, cognition, and everyday mental health”</td>
<td>SYMPOSIA 4 Isaac Tourgeman (Chair): “The Utilization of Wearable and Passive Technology in the Monitoring of Mental and General Health Status”</td>
<td>Workshop (Sponsored by the INS Student Liaison Committee): “Premorbid estimates of cognitive abilities” Rocío del Pino</td>
<td>PAPER SESSION 14 Factors influencing cognitive deficits in schizophrenia</td>
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<td>SYMPOSIA 5 (Sponsored by Asociación Latinoamericana de Neuropsicología (ALAN) Mauricio García-Barrera (Chair): “Neuropsychological research in the Americas: From genes to brain, cognition, and everyday mental health”</td>
<td>PAPER SESSION 15 Cognitive and behavioural determinants of TBI</td>
<td>Symposia 6 (Sponsored by the INS Student Liaison Committee): “Impact of cultural diversity on neuropsychological assessment and rehabilitation”</td>
<td>PAPER SESSION 16 Neuropsychology of Epilepsy</td>
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### FRIDAY, July 8th

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<td>Adam Brickman</td>
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<td>“Alzheimer’s disease or Alzheimer’s diseases? Contemporary classification and the role of white matter abnormalities”</td>
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International Neuropsychological Society  
Global Innovations in Science and Practice. 2022 Meeting  
Barcelona, Spain | July 6 - 8, 2022
### Scientific programme

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**THURSDAY, July 7th**

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Detailed Programme

WEDNESDAY, July 6th
8:00-10:00h Registration
9:00-12:00h AXA Auditorium - CE Workshop 1
   Presenter: Juan Olmo
   Jon Evans “Neuropsychological rehabilitation for attention and executive functioning: evidencebased strategies”

AXA Hall 1 - CE Workshop 2
   Presenter: Javier Peña
   Skye McDonald “Social Cognition: How to intervene and what works”

NH Constanza Hotel – Barcelona Hall - CE Workshop 3
   Presenter: Naroa Ibarretxe
   Melissa Lamar “Alzheimer’s/Vascular Spectrum Dementia: Classification, Diagnosis, and Underlying Neuropathologies”

NH Constanza Hotel – Berlin Hall - CE Workshop 4
   Presenter: Alberto Fernández
   Rune Nielsen “Neuropsychological Assessment and diagnosis in culturally diverse populations”

12:00-13:00h PLENARY KEYNOTE ADDRESS
   Chair: Natalia Ojeda
   Til Wykes “Improving recovery in people with schizophrenia through cognitive remediation therapies”

13:00-14:00h LUNCH BREAK

14:00-15:20h AXA Hall 1 - INS AWARD FOR EARLY CAREER RESEARCH & INS ARTHUR BENTON AWARD FOR MID-CAREER RESEARCH
   Chair: Christian Salas

PAPER SESSION 1 Interventions in TBI (Axa Auditorium)
   Chair: Lena Dobson
   Managing Agitation During Early Recovery Following Traumatic Brain Injury: A Clinician Perspective
   Sarah Carrier, Jennie Ponsford, Adam McKay

   A Short Add-On Sleep Intervention in the Rehabilitation of Individuals with Acquired Brain Injury: A RCT
   Louise Pilon, Nikita Frankenmolen, Janna van der Zijpp, Dirk Bertens

   Non-Pharmacological Interventions for Agitation During Early TBI Recovery: A Systematic Review
   Sarah Carrier, Jennie Ponsford, Ruby Phyland, Amelia Hicks, Adam McKay

   Two Methods of Providing Behavioural Activation in Acquired Brain Injury: A Randomised Pilot Feasibility Trial
   Andrea Kusec, Fionnuala C. Murphy, Polly V. Peers, Verity Smith, Ron Bennett, Estela Carmona, Aleksandra Korbacz, Cara Lawrence, Emma Cameron, Andrew Bateman

PAPER SESSION 2 Factors related to healthy aging
   (NH Constanza Hotel – Barcelona Hall)
   Chair: Barbara Segura
Detailed Programme

Cognition and Brain Connectivity in Highly Cognitively Active Older Individuals. The NEUROPREVENT Project
Javier Oltra-Cucarella, Clara Iñesta Carrizosa, Beatriz Bonete-López, Esther Sitges-Maciá

Psychological Well-Being and Salivary Markers of Inflammation: The Moderating Effect of Age
Sung-Ha Lee, Jeanyung Chey, Woo-Young Ahn, Choong-Wan Woo, Yoosik Youm, Hairin Kim, Naeun Oh, Hyeyoung Park, Suhwan Gim, Eunjin Lee, Incheol Choi

Validation Study of the Korean version of Harmonized Cognitive Assessment Protocol (K-HCAP)
Jeanyung Chey, Dasom Lee, Seyul Kwak, Jinkook Lee

English language proficiency & use as related to subjective cognitive decline & MCI in native Spanish speakers
Melissa Lamar, Wassim Tarraf, Benson Wu, Jianwen Cai, Richard Lipton, Maria Llabre, Mayra Estrella, Linda Gallo, Martha Daviglus, Hector Gonzalez

Cognitive impairment indicator for the CLSA: Incorporating reliable change indices and a base rates
Megan E O’Connell, Helena Kadlec, Taler Vanessa, Kristina Gicas, Lauren E Griffith, Christina Wolfson, Susan Kirkland, Parminder Raina

PAPER SESSION 3 Neuropsychological Assessment & cultural related issues
(NH Constanza Hotel - Berlin Hall)
Chair: Alberto Luis Fernández

Neuropsychological Data Networking on an International Scale
Robert Bilder, Russell Bauer, Daniel Drane, David Loring, Laura Glass Umfleet, Dustin Wahlstrom, Keith Widaman, Steven Reise, Max Mansolf, Kristen Enriquez, Lucia Cavanagh, Nelson Freimer, Annabel Vreeker

Towards an internationally-adapted new assessment of rapid forgetting for possible early detection of dementia
Ashok Jansari, Terry McGibbon, Jwala Narayanan, Ernest Tyberski, Claudia Pulcini, Chebat Andrea

Moroccan Arabic Norms for Name Agreement, Frequency, Imageability, Visual Complexity, and Age of Acquisition
Youssef Rami, Samir Diouny, Mohamed Yeou, Najib Kissani

Cognitive Constructs: Age and Education Effects
Shinta Estri Wahyuningrum, Augustina Sulastri, Indonesian NP Consortium, Gilles van Luijtelaar, Marc P. Hendriks

15:30-16:00h Afternoon coffee break + POSTERS SESSION 1

POSTERS SESSION 1

1. Association Between Perceived Injustice and Psychological Outcome in a Litigating, Mixed-Severity TBI Sample
Mitchell Byrne, Jennifer Batchelor, Nicholas W. G. Murray, Susanne Meares, E. Arthur

2. Predicting TOMM Performance in a Sample of American War Veterans
Sofía López-Vallejo, Hinza Batool Malik, Kayla Blaire Miller, Carlos Burneo-Garcés, Antonio E. Puente

3. When Things are not what they seem: Delusional Misidentification Syndromes in a Sample of Patients with ABI
David De Noreña, Juan Pablo Romero, Ana Bravo, Marcos Ríos-Lago
4. Spontaneous Memory Strategy Use in Acquired Brain Injury: the Role of Memory Functioning and Cognitive Reserve
Nikita Frankenmolen, Edo Grevers, Nienke Maas, Dirk Bertens, Joukje Oosterman

5. Intensive Treatment in Patients with Chronic Stroke to Increase the Acceptance and use of the Affected Arm
Belén Laureano Rico, María Navarro Miras, María del Carmen Martínez Cortés, Velasco Collado Yael Nelea, Jonathan Ladson

N. S. Thuss, S. E. Rakers, J. M. Spikman, J. van der Naalt

7. Case Study - Frontotemporal Lobe Impact During Boulder Detonation
Steve Tutty

8. Enriched Music-Supported Therapy in the Rehabilitation of Patients with Chronic Stroke
Emma Segura, Jennifer Grau-Sánchez, David Sanchez-Pinsach, Myriam De la Cruz-Puebla, Esther Duarte, Josep Lluis Arcos, Antoni Rodríguez-Fornells

9. CMSE: The Applicability of a Neuropsychological Screening Tool for Patients with Acute TBI.
Ting-Li Wang, Hooi-See Gan, Nai-Wen Guo, Ching-Wen Su, Ching-Hua Shen, Bei-Yi Su

10. Reduced Physical Activity in Paediatric Brain Injury and Neurological Conditions
Alexander Marsh, Nathan Simmonds-Buckley, Alex Tapping, Sophie Thomas, Kiren Sandhu, Ingram Wright

Jared Hammond, Jennifer Peraza, Christopher Pierce

12. Neural Correlates of Impaired Self Awareness of Deficits after Acquired Brain Injury: a Systematic Review
Anneke Terneusen, Ieke Winkens, Caroline Van Heugten, Sven Stapert, Heidi Jacobs, Rudolf Ponds, Conny Quaedflieg

Maria Bracho, Christian Salas

14. Failure to Falsify contributes to the Replication Crisis in the Clinical Neurosciences
Frank Hillary

15. Establishing ground truth in TBI research: if replication is the answer, then what are the questions?
Frank Hillary, Sarah Rajtmajer, Diana Priestley, Jason Staph

16. Impaired Delayed Verbal Recall one week After Learning in Children After Mild Traumatic Brain Injury
Martina Studer, Sandra Bigi, Karen Lidzba

17. Elevated neurobehavioral symptoms detected in subconcussive injuries in Spanish-speakers
Denise Krch, Anthony H. Lequerica, Juan Carlos Arango-Lasprilla, John D. Corrigan

18. Effect of Cognitive Reserve on Attention and Processing Speed in Healthy Aging
Marta Molins-Saurí, Olga Bruna-Rabassa, Carmen García-Sánchez

19. Cognitive Changes in Healthy Older After Virtual Museums as Cognitive Stimulation Tool
Juan José Valdiviezo, Karen Arianne Vera Aguilar, Liliana Pacheco Zavala, Ingrid Mariella Carranza Cardiel, Maura Jazmín Ramírez Flores
Montejo Pedro, Prada Crespo David, Santamaria Parra Lucía, Montejo Rubio Christian, Sanchez Ferrer Carlos, García Marín Jorge, Martín Medina Eva, Montenegro-Peña Mercedes

21. Loneliness in people with mild cognitive impairment: personality, cognitive performance and health
David Prada Crespo, Mercedes Montenegro-Peña, Pedro Montejo Carrasco, Carmen Diaz-Mardomingo, Lucía Santamaria Parra, Encarnación García Mulero, María Emilia Andrés Montes, Edwin Castiblanco-Piñeros

22. A randomized controlled trial with the UMAM method of cognitive training
Mercedes Montenegro-Peña, Pedro Montejo, David Prada Crespo, M Emiliana Andres Montes, Ana Isabel Reinoso García, Antonio García Marín, Montserrat Lozano Ibañez

23. Cross-Cultural Variables and Computerization on Neuropsychological Test Performance among Young-old Adults
Hjalmar Zambrana-Bonaparte, Inmaculada Ibanez-Casas, Antonio Puente

24. “I'm not wearing that!” Avoiding Stigma While Sustaining Safe Community Independence.
J. Braxton Suffield

25. Should function in daily life activities be included as an early predictor of Alzheimer’s disease?
Alexandra Vik, Marek Kocinski, Ingrid Rye, Astri J. Lundervold, Alexander S. Lundervold

26. Effects of the consumption of anthocyanins and flavanols in adults, POLYAGE Study.
Verónica Puertas Martín, Joaquín García Cordero, Alicia Pino, Constanza Cuevas, Ricardo San Román, Sonia De Pascual-Tereas

27. Associations Between the Oxford Digital Multiple Errands Test and Broad Functional Outcomes in Subacute Stroke
Sam Webb, Nele Demeyere

Sam Webb, Rebecca Roberts, Evangeline Grace Chiu, Georgina Hobden, Sarah King, Emma Garratt, Nele Demeyere1

29. Cognitive Tests For Older Adults with low Literacy Levels: in Search of the Ideal Cognitive Screening Protocol
Unai Diaz-Orueta, Isabel Pellicer-Espinosa

30. Does Phonemic Fluency rely Primarily on a Switching Strategy and Semantic Fluency on a Clustering Strategy?
Odélia Elkana, Shirley Hackmon, Ilor Vardi, Elissa L. Ash

Renelle Bourdage, Dr. Pauline Narme, Sanne Franzen, Dr. Janne Papma

32. Long-term recognition-memory as a progression predictor from mild cognitive impairment to dementia.
Brenda Montañés-Masias, Maribel Martínez-Prats, Mariagiovanna Caprara, Jordi Sánchez-Monteagudo, Judith Castro-Egea, Aleix Jorba-Chacón, Aina Pineda-Comellas, Yolanda Martínez-Ortega, Aurea Autet-Puig, Maria-Cruz Crespo-Maraver
33. Reliability and Validity of the Virtual Meeting Task
Amy C. Abelmann, Dirk Bertens, Inti A. Brazil, Luciano Fasotti, Roy P.C. Kessels

34. A results comparison between a new nonverbal screening test for cognitive impairment and dementia (TUGA)
Alexandre Machado

35. Test Barcelona Workstation
Josep Gómez Hernández, Jordi Peña-Casanova

36. Extended Spanish and Catalan Normative data of the Memory Binding Test in 2741 Volunteers from the ALFA Study
Lidia Canals-Gispert, Nina Gramunt-Fombuena, Juan Carlos Cejudo, Alba Cañas-Martínez, Anna Brugulat-Serrat, Carolina Minguillon, Karine Fauria, Juan Domingo Gispert, Oriol Grau-Rivera, Gonzalo Sánchez-Benavides

37. Development of Normative Data Based on a Qualitative Measure of Educational Level for the MUNS Scale
Alberto Luis Fernandez, Gabriel Jáuregui Arriondo, Maximiliano Folmer, Marcelo Vaiman, Gazul Rotela Leite, Julieta Castro Brunello

38. Development of Normative Data Based on a Quantitative Measure of Educational Level for the MUNS Scale
Alberto Luis Fernandez, Gabriel Jáuregui Arriondo, Maximiliano Folmer, Marcelo Vaiman, Gazul Rotela Leite, Julieta Castro Brunello

Patricia Alzola, Bárbara Buch, Bernardino Fernández-Calvo, Francisco Ramos, Israel Contador

40. Factor structure of the CNS VS cognitive test battery in healthy controls and primary brain tumor patients
Sander Boelders, Karin Gehring, Leonie Vogelsmeier, Elke Butterbrod

41. Emotion-Action Binding: Emotional Vocal Productions
Sélim Yahia Coll, Paola Milanese, Radek Ptak, Leonardo Ceravolo, Didier Grandjean

42. Signal Detection and Decisional Components Influence Electrophysiological Correlates of Recognition Memory
Stephan Schneider, Sélim Yahia Coll, Armin Schnider, Radek Ptak

43. Simple Action Planning Paves the Way to Higher-Order Cognition: a Neural Reuse Account of Mental Rotation
Naz Doganci, Giannina Rita Iannotti, Radek Ptak

44. The Right Cerebral Hemisphere is Dominant for the Updating Component of Working Memory
Emilie Marti, Naz Doganci, Alexia Bourgeois, Radek Ptak

45. Anatomical basis of disorientation after first-ever brain lesion
Alexandra Adam-Darque, Radek Ptak, Armin Schnider

46. Effects of immediate feedback on performance in a task measuring Orbitofrontal Reality Filtering
Alexandra Adam-Darque, Radek Ptak, Armin Schnider

47. Improving New Word Learning with High-Definition Transcranial Direct Current Stimulation
Camille Farcy, Adrian Guggisberg
48. Culturally Relevant Behavioral Screener for Mexican Language Parents: Early Development
Glenna Andrews, Ana Colunga-Marín

49. Gulf War Illness risk is associated with genetic and cytokine expression variability and pesticide exposures
Janet Coller, Jonathan Tuke, Emily Quinn, Lea Steele, Maxine Krengel, Maria Abreu, Kristina Aenlle, Nancy Klimas, Kimberly Sullivan

50. Self-Reported Sleep Quality and Cognitive Outcomes in US Veterans with Gulf War Illness
Charlotte JeanMichel, Alexa Friedman, Patricia Janulewicz, Timothy Heeren, Maxine Krengel, Rosemary Toomey, Emily Sisson, Juliane Dugas, Lea Steele, Nancy Klimas, Kimberly Sullivan

51. Performance Validity Testing in Alcohol-related Cognitive Disorders
Yvonne C.M. Rensen, Sandra H. Vos, Iris M. Aaftink, Roy P.C. Kessels

52. Absence of Effect of Exenatide on Cognition in Adults with Obesity, Ex-Smokers or Abstinent Alcohol Dependence

53. Is Long-Term Cannabis Use Associated With a Decline in Executive Function?
Ana Aquino-Servín, Paola Fuentes-Claramonte, Noemi Hostalet, Maria Ángeles García-León, Ana Moreno-Alcázar, Lucila Barbosa, Begoña Gonzalvo, Laura Blanco, Diana Bachiller, Anna Romaguera, Carlos Roncero, Peter J. McKenna, Edith Pomarol-Clotet

54. Tobacco use among older persons in Uganda: Prevalence and Associated factors
Catherine Kyomuhendo, Isaac Ddumba, Fred Musiige

16:00-16:30h WELCOME CEREMONY
Chair: Natalia Ojeda

16:30- 17:30h PRESIDENTIAL ADDRESS
Chair: Natalia Ojeda

17:30- 18:00h REMEMBERING MICHAEL CORBALLIS
Chair: Ashok Jansari

18:00-19:30h WELCOME COCKTAIL
THURSDAY, July 7TH

8:30-9:50h  AXA Auditorium - SYMPOSIA 1: Cross-Cultural Considerations and Updated International Results
Sponsored by the INSSpecial Interest Group NeuroCOVID
Chair: Jose A Muñoz-Moreno

Inside Out and Upside Down: How COVID-19 Pandemic Has Been Affecting the Mental Health of Children and Youth
Theodore C.K. Cheung

Neurocognitive Rehabilitation of post- COVID-19 Patients: Review of international perspectives
Kalliopi Megari

Neurocognitive Profiles of Adult COVID-19 Long Haulers from a Multi-Center Health System in New York
Joanne Festa

Olfactory and Neurocognitive Function in Adult COVID-19 Survivors. A Multi-Center Study Online
Emilia Łojek

Relevant Cross-Cultural Aspects in NeuroCOVID: Primary Considerations from the NeuroCOVID INS SIG
Jose A. Muñoz-Moreno

PAPER SESSION 4  New approaches to Cognitive rehabilitation (AXA Hall 1)
Chair: Elizabeth Kera

Cognitive Remediation & Personalized treatment with the NEAR method
Lindsay Brenugat, Aliénor Maître, Louise Pechaud, Brigitte Malangin, Bérangère Rigaut, Charlotte Danset-Alexandre, Mauricette Mendy, Isabelle Amado, Mona Moualla

A Usability Study of a Game-Supported Goal Management Training for Brain-Injured Individuals
Elise M. Verhoog, Roy P.C. Kessels, Dirk Bertens

Influence of Premorbid IQ on the MCT Efficacy: a Recent Onset Psychosis Study

Evidence on Language Rehabilitation Combined with Online Exercises. A Pilot Study with BLAPP.
Alessandra Zoccali, Maria Garau, Roser Colome, Anna López-Sala

Dosage Matters in Prism Adaptation Treatment for Improving Spatial Neglect and Stroke Rehabilitation Outcome
Peii Chen, Devan Parrott, Kimberly Hreha, Robert Gillen, A.M. Barrett

PAPER SESSION 5  Assessment and treatment response in TBI
(NH Constanza Hotel – Barcelona Hall)
Chair: Skye McDonald

"Its Not Only The Injury But Also the Kind of Head." Factors Influencing Outcome after TBI
Jennie Ponsford, Marina Downing
Advances in the Use of Eye Tracking for Neurocognitive Assessment of TBI among U.S. Military Personnel
Mark Ettenhofer, Sarah Gimbel, Evelyn Cordero, Jenna Trotta, Lars Hungerford

A Qualitative Exploration of the Long-Term Journey After Traumatic Brain Injury
Jennie Ponsford, Aviva Lefkovits, Amelia Hicks, Marina Downing

Evaluation of a Novel Treatment for Persistent Post-Concussion Symptoms After Mild Traumatic Brain Injury
Jack V.K. Nguyen, Adam McKay, Jennie Ponsford, Katie Davies, Michael Makdissi, Sean P.A. Drummond, Jonathan Reyes, Jennifer Makovec Knight, Tess Peverill, James H. Brennan, Catherine Willmott

Identification of At-Risk Patients that need more Intensive Treatment Following mTBI: Post-Hoc Insights
Myrthe Scheenen, Harm Jan van der Horn, Myrthe de Koning, Joukje van der Naalt, Jacoba Spikman

PAPER SESSION 6 Everyday memory failures and confabulation
(NH Constanza Hotel – Berlin Hall)
Chair: Lena Dobson

The Scottish Memory Aid Survey: What Memory Aids are Recommended for People With Dementia or MCI?
Jonathan Evans, Katie Ferry, Sally McVicar

Cinderella Was Attacked by the Bad Wolf: Confabulations on Story Recall in Alcohol-Related Cognitive Disorders
Yvonne Rensen, Joukje Oosterman, Paul Eling, Roy Kessels

Neural correlates of confabulation: what we have learned so far
Valentina La Corte, François Stefanescu, Pascale Pradat-Diehl, Gianfranco Dalla Barba

10:00-11:20h AXA Auditorium - SYMPOSIA 2 Cognitive Rehabilitation and Neuroimaging in Clinical Populations
Chair: John DeLuca

Cognitive rehabilitation and neuroimaging in TBI
Alessandro Cicerale

Cognition oriented treatments and neuroimaging in Aging & Dementia
Benjamin Hampstead

Cognitive rehabilitation and neuroimaging in MS
John DeLuca

Cognitive Rehabilitation and Neuroimaging in Schizophrenia
Agurne Sampedro

Discussant and Q&A
Natalia Ojeda

PAPER SESSION 7 Infectious disorders and Neuropsychology: Covid and HIV
(AXA Hall 1)
Chair: Jose Antonio Muñoz-Moreno

Associations of Subjective and Objective Cognitive Outcome of COVID-19 in a Finnish Cohort
Riikka Pihlaja; Henriikka Olliila; Annamari Tuulio-Henriksson; Sanna Koskinnen; Marjaana Tiainen; Viljami Salmela; Johanna Hästbacka; Laura Hokkanen
Detailed Programme

Neuropsychological Outcomes Among Children Living With HIV Presenting With New-Onset Seizures In Zambia
Lisa Kalungwana, Namwiya Musonda, Ifunanya Dallah, Izukanji Sikazwe, Gretchen Birbeck, David Bearden

The Role of Neuropsychology in HIV Cure
Jose A. Muñoz-Moreno

Post COVID-19 Fatigue: the Role of Cognition and Neuropsychiatric disorders
Marco Calabria, Carmen García-Sánchez, Nicholas Grunden, Catalina Pons, Juan Antonio Arroyo, Beatriz Gómez-Anson, María del Carmen Estévez García, Roberto Belvis, Noemí Morollón, Javier Vera Igual, Isabel Mur, Virginia Pomar, Pere Domingo

Cognitive Performance and Psychological Distress after ICU Discharge in Patients with Critical COVID-19
Roy P.C. Kessels, Harmke B. Duindam, Bram van den Borst, Peter Pickkers, Wilson F. Abdo

Is brain fog the same in Post-COVID-19 condition and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome?
Naiara Azcue González, Juan Carlos Gomez Esteban, Marian Acera, Beatriz Tijero, Tamara Fernandez, Naia Ayo Mentxakatorre, Tomas Perez-Concha, Ane Murueta-Goyena, Jose Vicente Lafuente, Alvaro Prada, Adolfo Lopez de Munain, Guillermo Ruiz Irastorza, Laureano Ribacoba, Iñigo Gabilondo, Rocio Del Pino

PAPER SESSION 8 Executive functions and control-inhibition
(NH Constanza Hotel – Barcelona Hall)
Chair: Elizabeth Kera

The Role of the Frontal Aslant Tract in Executive Functions: a Quantitative Tractography Study
Maud Landers, Stephan Meesters, Wouter De Baene, Geert-Jan Rutten

Remote tele-assessment of executive functions: Adapting the Jansari assessment of Executive Functions, JEF©
Ashok Jansari, Andrea Chebat, Kim Clark, Rebecca Poz

Emotional Intelligence and Inhibitory Control in University Students
Pablo Del Pino Ferrer, María Teresa Daza González, Pamela Ruiz-Castañeda

Direct and indirect measures of executive functions in middle childhood
Laura Fernández García, Nahuel Gioiosa Maurno, Jessica Phillips-Silver, María Teresa Daza González

Impulsiveness Profile in a Chronic Eating Disorders Sample: Upps-P and Stroop Inhibition/Switching task
Esteve Montasell, Laura Blanco-Hinojo, Karla Ramirez, Anna Soler, Joan Deus

PAPER SESSION 9 Contributions of neurophysiological procedures to neuropsychological disorders (NH Constanza Hotel – Berlin Hall)
Chair: Hans-Otto Karnath

Electrophysiological Disruptions and Cerebrospinal Fluid Biomarkers in Mild Cognitive Impairment Patients
Anna Carnes-Vendrell, Gerard Piñol-Ripoll, Raquel Huerto, Nuria Tahan, Brenda Chino-Vilca, Inmaculada Concepción Rodríguez-Rojo, Lucia Torres, Pablo Cuesta, Fernando Maestu
Reward-processing in mTLE-UHS pre- and post-surgery: behavioral and neurophysiological correlates
Adrià Vilà-Balló, Myriam De la Cruz-Puebla, Diana López-Barroso, Júlia Miró, Jacint Sala-Padró, David Cucurell, Mercè Falip, Antoni Rodríguez-Fornells

Transauricular Vagus Nerve Stimulation in Patients With Disorders of Consciousness
Samuel Lopez Rodriguez, Myrtha O’Valle Rodriguez, Marta Gomez-Herranz, Estrella Mckenna Blanco, Maria Dolores Navarro Perez, Enrique Noé Sebastián, Alejandro Galvao Carmona

Brain Electrical Activity in Emotional Processing in in Low-Risk Preterm-Born Adults
García-Guerrero, Fernández de Gamarra-Oca, Ojeda, Loureiro, Peña, ibarretxe-Bilbao, Zubiaurre-Elorza

11:30-12:00h MORNING COFFEE BREAK + POSTERS SESSION 2

POSTERS SESSION 2

1. Randomized clinical trial of INtegral Cognitive REMediation (INCREM) program for major depression
Muriel Vicent-Gil, Sara González-Simarro, Beatriz Raventós, Javier Vera, Eduardo D. Marin-Martínez, Carlota Sabaté-Cao, Josefina Pérez-Blanco, Dolores Puigdemont, Javier de Diego-Adelino, Carlo Alemany, Jèssica Valverde, Maria Serra-Blasco, Narcís Cardoner, Maria J. Portella

2. Cognitive Rehabilitation Improves Postural Stability in Patients with Parkinson's Disease
Aida Arroyo-Ferrer, Yeray González-Zamorano, Francisco José Sánchez-Cuesta, Laura Valenzuela-López, Juan Pablo Romero

3. Virtual reality-based neuropsychological intervention in patients with mild cognitive impairment or dementia
Bárbara Gómez-Cáceres, Irene Cano-López, Marta Alín, Maria José García-Rubio, Aránzazu Duque, Paula Martínéz, Encarnación Rama, Mercedes Almela

4. Virtual Reality in Neuropsychological Intervention Programs for People with Intellectual Disabilities
Mª Carmen Hernández Santana, Eloy Almeida Fleitas, José Luis Rodríguez Blancas, Diego Cangas Moldes, Cristina Acosta Sánchez

5. The Efficacy of Errorless Learning and Goal Management Training in Parkinson’s Disease
Fleur F. Budde, Roy P.C. Kessels, Dirk Bertens, Annelien Duits

6. Impact of Cognitive Intervention Program on Cortisol Awakening Response in Mild Cognitive Impairment
Vanesa Hidalgo, Alicia Salvador, Olga Gelonch, Marta Vancells, Neus Cano, Maite Garolera

7. Children with Cerebral Palsy Improve their Social Cognition After Completing a Home-Based Intervention
María García-Galant, Montse Blasco, Paula Moral-Salicrú, Alba Berenguer-González, Olga Laporta-Hoyos, Xavier Caldu, Júlia Ballester-Plané, Júlia Miralbell, Roser Pueyo

8. Core Executive Function Improvements in Children with Cerebral Palsy After a Home-Based Intervention
Montse Blasco, María García-Galant, Alba Berenguer-González, Paula Moral-Salicrú, Olga Laporta-Hoyos, Xavier Caldu, Júlia Miralbell, Júlia Ballester-Plané, Roser Pueyo
9. Approach-Avoidance Bias Modification Training for Excess Weight

10. Inhibitory Control Training for People with Excess Weight
Lucía Solier-López, Raquel González-González, Raquel Vilar-López, Carmen Flores Navarro-Pérez, Alfonso Caracuel

11. Feasibility and safety of a fully immersive virtual reality program in stroke patients: Preliminary data
Akylina Despoti, Irini Patsaki, Georgia Roussou, Argyro Papathanasiou, Dimitra Tzoumi, Anna Alexandropoulou, Nikolaos Leventakis, Evangelos Giaglis, Nefeli Dimitriadi, Lefteris Karatzanos, Serafeim Nanas

12. Virtual Reality for Cognitive Enhancement in Elderly People. Preliminary Results
Raquel Viejo-Sobera, Camino Montañés, Javier Llull, Marco Calabria, Elena M Marron

Erick Rueda-Valencia, Cristina Aguillón-Solís, Judith Salvador-Cruz

14. Cognitive Intervention Programs in Minors Belonging to Disadvantaged Contexts in Spain: A Systematic Review
Carmen García-Navarro, Rosalba Company-Córdoba, Antonio Sianes, Joaquín A. Ibáñez-Alfonso

15. Analysis of Some Aspects of Theory of Mind (TOM) During Picture-Based Discourse in Moroccan Patients with AD
Mohamed Taiebine

16. Relationship Between Personality and Cognition Among Caregivers
Jordina Muñoz Padrós, Maite Garólera, Anna Bartès Plans, Santiago Escoté Llobet, Antoni Casals Pascual, M. Teresa Romero, Joan Espaulella Panicot, Quintí Foguet Boreu

17. The Global Deterioration Scale for Adults with Down Syndrome
Emili Rodríguez-Hidalgo, Susanna Esteba-Castillo, Javier García-Alba

18. Utility of Non-Graphomotor Visuoconstructional Tasks for Early Detection of Neurocognitive disorder
Rafaela Martins-Rodrigues, Égina Karoline Gonçalves da Fonseca, Israel Contador, Luigi Trojano, Patricia Alzola, Bernardino Fernández-Calvo

19. Neuropsychological Phenotypes and Biomarkers in Alzheimer’s Disease
Maria Pino-Roca, Elsa Puiggros-Rubí, Mikel Vicente-Pascual, Joan Durà-Miralles, Juan J. Hernández-Regadera, José L. Ayala-Navarrete, Jordi Batlle-Nadal, Alfons Moral-Pijaume

20. Multidisciplinary analysis for the diagnosis of Alzheimer based on fractal geometry
Edward Prada, Duwamg Prada, Ara Cerquera, Manuel Mejía, Rubén Áviles, Javier Villamizar, Camilo Morantes, Fabián Rojas

Escudero Infante Sara, Fernández González Susana, Balagué Marmaña Marta
Detailed Programme

22. The Association of Stressful Life Events with Alzheimer’s Disease Biomarkers and Brain Integrity
Eleni Palpatzis, Muge Akinci, Gregory Operto, Marina Garcia-Prat, Mahnaz Shekari, Kaj Blennow, Henrik Zetterberg, Juan Domingo Gispert, Marc Suárez-Calvet, Cleofe Peña-Gomez, Oriol Grau-Rivera, Gonzalo Sanchez-Benavides, Eider M. Arenaza-Urquijo

23. NEURONORMA battery associations with cerebrospinal fluid biomarkers in the continuum of Alzheimer’s disease

24. Impact of Fatigue and Anxiety but not Depression on Health-Related Quality of Life in Parkinson’s Disease
Itsasne Sanchez-Luengos, Olaia Lucas-Jiménez, Javier Peña, Natalia Ojeda, Juan Carlos Gómez-Esteban, María-Ángeles Gómez-Beldarrain, Raquel Vázquez-Picón, Nerea Foncea-Beti, Naroa Ibarretxe-Bilbao

25. An Individualized Program In A Patient With Logopenic Progressive Primary Aphasia During Covid-19 Pandemic
Mohamed Taiebine

Alejandra Irene Galeana García, Judith Salvador Cruz

27. The Facial Emotions Discrimination Test for the Assessment of Frontotemporal Dementia
Jordi Juncà-Parella, Adrià Tort-Merino, Beatriz Bosch, Jaume Olives, Magdalena Castellví, Yolanda González-Romero, Guadalupe Fernández-Villulas, Oscar Ramos-Campoy, Anna Antonell, Albert Lladó, Mircea Balasa, Sergi Borrego-Ecija, Raquel Sanchez-Valle

28. Graph analysis of verbal fluency test discriminate between presymptomatic FTD and normal controls
Patricia Alves Dias, Alazne Gabilondo, Mikel Tainta, Fermin Moreno, Adolfo López de Munain, Myriam Barandiarian

29. Is the cognitive profile of SARS-CoV infectious cases no confirmed different from confirmed case?
Carmen García-Sánchez, Marco Calabria, Nicholas Grunden, Catalina Pons, Juan Antonio Arroyo, Beatriz Gómez-Anson, Marina del Carmen Estévez García, Roberto Belvis, Noemí Morollón, Virginia Pomar, Isabel Mur, Pere Domingo

30. White matter abnormalities in COVID-19 patients with persistent hyposmia
Anna Campabadal, Núria Guillem, Javier Oltra, María A Botí, Roser Sala-Llonch, Gemma C Monté-Rubio, Gema Lledó, Paula García, Lorena Ramí, Bàrbara Segura, Raquel Sánchez-Valle, Carme Junqué

31. Long-COVID and declarative memory
Mar Ariza, Neus Cano, Barbara Segura, Jose Bernia, Ulises Cortes, Nautilus Project Collaborative Group Nautilus Project Collaborative Group8, Maite Garolera
32. Post-COVID syndrome and fibromyalgia, is cognition what they have in common?
Mar Ariza, Olga Gelonch, Neus Cano, Barbara Segura, Jose Bernia, Ulises Cortes, Nautilus Project Collaborative Group Nautilus Project Collaborative Group, Maite Garolera

33. Long-term impact of the COVID-19 on cognition: what is the role of the disease severity?
Neus Cano, Mar Ariza, Jose Bernia, Vanesa Arauso, Laura Sanchez, Barbara Segura, Ulises Cortes, Nautilus Project Collaborative Group Nautilus Project Collaborative Group, Maite Garolera

Carlos Fernández-Fdez, Oriol Barrachina-Esteve, Guillem Navarra-Ventura, Anna Reverter, Alicia Anguita, Anna Reverter, Jordi Espinosa, Cristina Lafuente, Marta Rubio, Mónica Crosas, Carmen Vila, David Cànovas, Marta Godoy, Sol Fernández-Gonzalo, Jordi Estela, Mercé Jodar

35. Neurocognitive and Psychiatric Performance in People with Recent HIV/AIDS Diagnosis
Cristina Aguillon-Solis, Maricela Sandoval-Olives, Judith Salvador-Cruz, Daniel Badillo-Arriaga, Ramiro López-Elizalde, Lucia A. Ledesma-Torres

36. Clinical Predictors Leading to Neuropsychological Impairment Following COVID-19 Infection
Marta Almeria, Juan Carlos Cejudo, Javier Sotoca, Joan Deus, Jerzy Krupinski

37. Objective and Subjective Cognitive Deficit in COVID-19 Critically Ill Survivors One Year After ICU Discharge

38. Effects of Diagnosis Threat on Cognitive Complaints After COVID-19 Infection: Validation Study
Daniella Winter, Elad Omer, Yoram Braw

39. Perception of the neuropsychological impact of COVID-19
Veronica Franco, Demian Rodante, Nicolas Basin

40. Do Facial Expressions Yield Context-Dependent Effect in Times of COVID-19?
Simone Schwizer Ashkenazi, Eli Vakil

41. Out of the box: Cognition in autoimmune encephalitis does not conform to a common pattern

42. Autoimmune Encephalitis: A Multi-Modal Cognitive Disorder
43. Neuropsychological Effects of Early Life Stressful Events in Recently Diagnosed Men with HIV Infection
Maria Àngels Ranchal, Anna Prats, Maite Garolera, Bonaventura Clotet, Jose A. Muñoz-Moreno

44. Cognitive Functioning of Children HIV-Exposed, Uninfected: Outcomes and Risk Factors
Julia Young, Jason Brophy, Lena Serghides, Ari Bitnun, Mary Lou Smith

45. Longitudinal Data Collection of Neurotoxicant Exposures and Health Symptoms in Gulf War Veterans.
Kathryn Price, Leah Orlinsky, Peter Rivoira, Clara Zundel, Kimberly Sullivan, Maxine Krengel

46. Toxic Wounds and Cognition in US Gulf War Veterans from the BBRAIN Repository Network
Dylan Keating, Maxine Krengel, Rosemary Toomey, Linda Chao, Layla Abdullah, Lea Steele, Patricia Janulewicz Lloyd, Timothy Heeren, Emily Quinn, Julianne Dugas, Kimberly Sullivan

47. Examining the Neurocognitive Effects of Perceived Stress upon Latinx People with HIV
Alexander Slaughter, Jordan Stiver, Micah Savin, Denise Oleas, Elizabeth Breen, Desiree Byrd, Jessica Robinson-Papp, Monica Rivera Mindt

48. Agenesis of the Corpus Callosum: Developmental Trajectories Through Adolescence
Glena Andrews, Kristin Eddy

49. Social Skills of Young People with Down Syndrome during COVID-19 Pandemic
Julia B. Barrón-Martínez, Judith Salvador-Cruz

50. Hemispheric Lateralization in Dyslexic and Typically Reading Children
Yiannis Metaxas, Filippos Vlachos

51. Neurocognitive Subtypes of Developmental Dyslexia
Maria Chalmpe, Filippos Vlachos, Elias Avramidis, Sotiria Tzivinikou

52. Cognitive Functioning of Adolescents who Experienced Childhood Maltreatment: Insights from Sensitive Periods
Catherine St-Pierre, Danielle Nadeau, Caroline East-Richard, Gaëtan Daigle, Caroline Cellard

53. Adaptive Skills and Executive Function in Young people with Down Syndrome during COVID-19 Pandemic
Judith Salvador-Cruz, Julia B. Barrón-Martinez

54. Neuropsychological profile in children with congenital heart disease undergoing surgery in the neonatal period
Anna Solerdelcoll-Clapera, Saúl Martínez-Horta, Anna López-Sala, Ivan Solà-Arnau, Anna Sans-Fitó

55. Cognitive Performance, Brain Volumetry and Blood Phenylalanine Levels in Adult Phenylketonuric Patients
Jèssica Pardo Ruiz, Bàrbara Segura Fàbregas, Adriana Pané Vila, Pedro Juan Moreno Lozano, Josep M. Grau Junyent, Carme Junqué Plaja

56. Psychometric Properties of the Argentinian Version of the Minilinguistic State Examination
Leticia Vivas, Macarena Martinez-Cuitiño, Laura Manoiloff, Nicolás Linares, Mónica Garavaglia, Daniela Andreotti, Lourdes Matar
57. Language-Specific Sites in the Supplementary Motor Area: Evidence from Electrical Stimulation Mapping
Mireia Hernández, Alba Gómez, Ruth Lau, Antoni Rodríguez-Fornells, Inmaculada Rico, Àngels Camins, Andreu Gabarrós

58. The Relations Between White Matter and Verbal Short-Term Memory in Post-Stroke Aphasia
Guillem Olive, Claudia Peñaloza, Lucia Vaquero, Matti Laine, Nadine Martin, Antoni Rodriguez-Fornells

59. Expressive and Receptive New Word Learning in Post-Stroke Aphasia
Lara Navarrete, Matti Laine, Antoni Rodríguez Fornells, Claudia Peñaloza

60. Influence of Bilingualism on Cognition of Patients With Expansive Brain Lesions on the Dominant Hemisphere
Anna Gasa-Roqué, Alejandro Fernández-Coello, Inmaculada Rico, Antoni Rodríguez-Fornells, Andreu Gabarrós

61. Intraoperative Neuropsychological Assessment During Awake Craniotomy in Aphasia Prevention
Agnieszka Olejnik, Aleksandra Bala, Tomasz Dziedzic, Andrzej Marchel

12:00-13:00h PLENARY KEYNOTE
Chiara Nosarti “Brain and behaviour following very preterm birth”

13:00-14:00h LUNCH BREAK

PAPER SESSION 10 Neuropsychology of ADHD in childhood and adulthood
(AXA Auditorium)
Chair: Seta Kazandjian
Sensory and neurophysiological processing in infants with familial ADHD: Lessons learned from a pilot study
Jennifer Keating, Nabil Hasshim, Jessica Bramham, Michelle Downes
Can the NIH Toolbox Executive Function Tests be Used to Diagnose ADHD in Children
Christopher Nicholls, Amber Schaeffer
ADHD During Perimenopause and Menopause
Jeanette Wasserstein, Mary Solanto, Gerry Stefanatos
Use of tDCS in Adult Patients with ADHD for the Improvement of Executive Functions and Emotional Regulation
Laura Steen García, Rosa Franco Jiménez, Joaquín A. Ibáñez Alfonso
Modulation of a Concurrent Visual Working Memory Task in Visual Search: a Neurodevelopmental Perspective
Maria Quiros-Godoy, Beatriz Gil-Gomez de Liano, Elena Perez-Hernandez

PAPER SESSION 11 Cultural and social aspects influencing neuropsychological assessment
(AXA Hall 1)
Chair: Alberto Luis Fernández
Does native language impact the assessment of the executive abilities?
Christine Moroni, Juliette Palisson, Didier Maillet, Catherine Belin, Pauline Narme
Developing a Culture-Sensitive Survey on Attitudes Towards Neuropsychological Assessment: A Literature Review
Maria Pleshkevich, Kyle Pellerin, Inmaculada Ibanez-Casas, Zara Melikyan
The Association of Sociodemographic Factors with Total and Item-Level Semantic Fluency Metrics

Diagnostic Accuracy of Performance Validity Tests in Indonesia: Simulation Study in Undergraduate Students
Widhi Adhiaatma, Marc P. H. Hendriks, Magdalena S. Halim, Roy P. C. Kessels

Assessing Social Cognition in Virtual Reality: Feasibility and Interest of REALSoCog in Pathology
Eva-Flore Msika, Nathalie Ehrlé, Marc Verry, Bénédicte Dieudonné, Alexandre Gaston-Bellegarde, Eric Orriols, Pascale Piolino, Pauline Narme

PAPER SESSION 12
The role of cognitive, subjective and biological factors in TBI
(NH Constanza Hotel – Barcelona Hall)
Chair: Nybo Taina

Client Experiences with Holistic Neuropsychological Rehabilitation: ‘it is an Ongoing Process’
Anne-Fleur Domensino, Daan Verberne, Leyla Prince, Jessica Fish, Jill Winegardner, Andrew Bateman, Barbara Wilson, Rudolf Ponds, Caroline van Heugten

Accelerated Long-Term Forgetting in Patients After Acquired Brain Injury
Martina Studer, Dörthe Heinemann, Klemens Gutbrod, Katharina Henke, Adrian Guggisberg

Mild Traumatic Brain Injury and Cognitive, Health and Emotional Symptoms in Gulf War Illness
Maxine Krengel, Kathryn Price, Leah Orlinsky Orlinsky, Peter Rivoira, Clara Zundel, Kimberly Sullivan

PAPER SESSION 13
Stroke: cognitive and emotional consequences
(NH Constanza Hotel – Berlin Hall)
Chair: Elizabeth Kera

Attention to Attention in Aphasia – Capturing Compromised Components and Contributing Correlates
Rahel Schumacher, Ajay D. Halai, Matthew A. Lambon Ralph

Theta Oscillatory Activity Relating to Inhibitory Control Effort in Post-Stroke Children
Prisca Hsu, Cecilia Jobst, Nomazulu Dlamini1, Douglas Cheyne

Negative Reward Captures Attention in the same way as Task-Relevance: a study of Spatial Neglect
Alexia Bourgeois, Emilie Marti, Armin Schnider, Radek Ptak

Mental Health Service Access in Australian Survivors of Stroke: Contributing Factors and Long-Term Outcomes
Priscilla Tjokrowijoto, Renerus Stolwyk, David Ung, Monique Kilkenny, Joosup Kim, Lachlan Dalli, Dominique Cadilhac, Nadine Andrew

Differential Roles of Objective and Subjective Cognition to Depression and Activity Levels in Chronic Stroke
Andrea Kusec, Chloe Carrick, Pippa Watson, Evangeline Grace Chiu, Elise Milosevich, Bogna Drozdowska, Nele Demeyere
Detailed Programme

Long-Term Social Cognition and Behavior Problems After Subarachnoid Hemorrhage and the Effect on Participation
Lieke Jorna, Sara Khosdelazad, Sandra Rakers, Ralf Koffijberg, Rob Groen, Anne Buunk, Joke Spikman

15:00-16:00h **PLENARY KEYNOTE** Rafael Yuste “NeuroRights: Human Rights Guidelines for Neurotechnology”
Chair: Natalia Ojeda

16:00-16:30h **AFTERNOON COFFEE BREAK + POSTERS SESSION 3**

**POSTERS SESSION 3**

1. Self-Reported Executive Dysfunctions in Schizophrenia Patients Abusing Substances
Rune Raudeberg, Grant L. Iverson, Åsa Hammar

2. The Persian Version of the Screen for Cognitive Impairment in Psychiatry (SCIP-P) for Bipolar I Disorder
Galín Shirzad, Juana Gomez Benito, Oscar Pino, Georgina Guílera, Scott Purdon

3. Neurocognition in patients hospitalized in a subacute psychiatric unit
Ana Llorente, Encarna Zaldívar, Sheila López-Romeo, David Juanes, David Suárez, Sonia Quiñones, Elsa Quiñonero, Berta Vilaseca, Susana Mohino

4. Anterograde amnesia in Schizophrenia?: considerations about a case report
Irene Alonso Fernández, Mª Teresa Bobes Bascarán

5. Processing Speed as an Endophenotypic Marker in Patients with a First Episode of Psychosis and their Relatives
Ángel Yorca Ruiz, Sarah Berrocoso Cascallana, Rosa Ayesa-Arriola

6. Neuropsychological profiles in elderly people with Schizophrenia
Ana Escanilla Casal, María Cecilia Navarro Marfísis, Piotr Kolas, Susana Ochoa Guerre, Belén Arranz Martí

7. Neuropsychological Functioning and Clinical Symptoms following Functional Neurosurgery in Refractory OCD
Garazi Laseca-Zaballa, Marcos Ríos-Lago, Genny Lubrini, Jose Antonio Periañez, Manuela Martín Bejarano, Cristina Torres-Díaz, Nuria Martínez Moreno, Juan Álvarez-Linera, Roberto Martínez Álvarez

8. Neuropsychiatric differences between asymptomatic and symptomatic carriers of Huntington’s disease
María Angeles Acera, Miriam Turuelo, Tamara Fernández-Valle, Johanne Somme, Javier Ruiz-Martínez, Lara Pardina, Andrea Gabilondo, Beatriz Tijero, Marta Ruiz-López, Mar Carmona-Abellán, Ioana Croitoru, Iñigo Gabilondo, Juan Carlos Gómez-Esteban, Rocío Del Pino

9. Validity of the ACE III for the detection of cognitive impairment in people with psychosis in India.
P. Sulakshana Rao, Madhavi Rangaswamy, Aparna Dutt, Anirban Dutt, Jonathan Evans

10. Validation of a Culturally Neutral Prospective Memory Test in Healthy Adults & People with Psychosis in India
P. Sulakshana Rao, Madhavi Rangaswamy, Jonathan Evans, Anirban Dutt

11. Memory deficits in children and adolescents with psychotic disorders: A systematic review and meta-analysis
Patricia Díaz-Carracedo, Pilar de la Higuera-González, Geraldine Padilla, Elisa Rodríguez-Toscano, Alejandro de la Torre-Luque
12. Strength of functional connectivity between regions implicated in perspective-taking
Aditi Arora, Soha Saleh, Michael Dacanay, Jacob Gronemeyer, Helen M Genova

13. Determinants of Cognitive Problems in Major Depression
Yolanda Sánchez-Carro, María J. Portella, Itziar Leal-Leturía, Pilar Álvarez, Virginia Soria, Pilar López-García

14. Cognitive Performance in Patients with Major Depressive Disorder is Related to their Immunometabolic Status
Yolanda Sánchez-Carro, Alejandro de la Torre-Luque, María J. Portella, Itziar Leal-Leturía, Pilar Álvarez, Virginia Soria, Pilar López-García

15. Cognitive Flexibility and Mind-Wandering: Different Profiles in Anxiety?
Isabelle Kaiko, Jemma Todd, Caroline Hunt, Muireann Irish

16. Poor Executive Function and Mortality in Advanced Chronic Kidney Disease Patients in Hemodialysis
Ester Gonzalez-Aguado, Sol Otero, Itziar Navarro, Carlos Soto, Fabiola Dapena, Carme Tayó, Isabel Collado

17. Role of Sarcopenia in Cognitive Function in Patients with Morbid Obesity Before Bariatric Surgery
Laura Casas, Andreu Simó-Servat, Montse Ibarra, Mireia Libran, Judith Castejón, Maria José Barahona

18. Brain Functional Connectivity Alterations Related to Fatigue in Post-COVID Condition
Maria Diez-Cirarda, Miguel Yus, Cristina Delgado-Alonso, Natividad Gomez-Ruiz, Carmen Polidura, Juan Arrazola, Manuela Jorquera, Lidia Gil-Martinez, Maria Valles-Salgado, Jorge Matias-Guiu, Jordi A Matias-Guiu

19. Cognitive Impairment in Patients with Post-COVID Condition
Maria Diez-Cirarda, Cristina Delgado-Alonso, Maria Valles-Salgado, Alfonso Delgado-Álvarez, Miguel Yus, Natividad Gómez-Ruiz, Manuela Jorquera, Carmen Polidura, Maria Jose Gil, Alberto Marcos, Jorge Matias-Guiu, Jordi A. Matias-Guiu

20. Towards a (Neuro)psychological Toolbox for Brain Surgery Aftercare
Joanna Sierpowska, Claudia Peñaloza, Vitória Piai

21. Cognitive impairment associated with Multiple chemical sensitivity syndrome
Soledad Ribas López, José Ángel Rubiño Díaz

22. How do Patients Tolerate Brain Stimulation During Awake Craniotomy Procedure?
Aleksandra Bala, Agnieszka Olejnik, Tomasz Dzdziedzic, Andrzej Marchel

23. Attention and Working Memory in Patients with Prolactin Secreting Pituitary Tumors
Aleksandra Bala, Agnieszka Olejnik, Tomasz Dzdziedzic, Andrzej Marchel

24. Long-Term Neuropsychological Deficits Among Hospitalized COVID-19 Patients
Isabel Jiménez-Martín, María Jesús Domínguez-Santalla, Alba Regueira-Castro, Samantha Barros-Rodrigues, José Manuel Aldrey-Vázquez, Susana Arias-Rivas, Lucía Moure-Rodriguez, Francisco Caamaño-Isorna, Montserrat Corral-Varela

25. Neuropsychological deficits in children with congenital hydrocephalus: a systematic review
Maria José García-Rubio, Marta Aliño, Irene Cano-López, Pilar Chisbert-Genovés, Luis Moreno-Oliveras, Aránzazu Duque, Encarnación Rama, Mercedes Almela, Paula Martínez, José Piquer-Belloch, Sara Puig-Pérez
26. Laboratory Predictors of Neuropsychological Functioning in Sickle Cell Disease
Andrew Heitzer, Jennifer Longoria, Victoria Okhomina, Guolian Kang, Jane Hankins

27. Neuropsychological Profile Associated to PKAN
Ana Belén Vintimilla-Tosi, Joaquin A. Ibáñez Alfonso, David Saldaña

28. In Search of a Neuropsychological Profile for Migraine: a Systematic Review
Shannon Richardson, Unai Díaz-Orueta

29. Executive Function is Impaired and Linked to Gut Microbiota in Patients with Irritable Bowel Syndrome.
Tina Emilie Johnsen, Eline Margrete Randulff, Astri J. Lundervold

30. Virtual-reality data-driven phenotypes of Attention-Deficit/Hyperactivity Disorder
Pilar Fernández-Martín, Rocío Rodríguez-Herrera, Rosa Cánovas López, Unai Díaz-Orueta, Alma Martínez de Salazar Arboleas, Pilar Flores Cubos

31. Association of Hypertension to Brain Structure and Depression in Persons with Multiple Sclerosis
Cristina A. F. Román, Dede Ukueberuwa O'Shea, Gray Vargas, Peter A. Arnett

32. Executive and memory functions in adults with sickle cell disease
Hugo Bismuth, Despina Messimeris, Clémente Emaer, Corentin Provost, David Calvet, Pauline Narme

33. Music Cognition in Children and Adolescents with Williams Syndrome
Nara Andrade, Emma Otta

34. Neuropsychological Profile of a Cohort of Children with Inborn Errors of Metabolism
Marta Gil González, Roser Colomé Roura, Mª Àngels Garcia Cazorla

35. Neurocognitive Impairment in Inborn Errors of Metabolism: Systematic Review
Marta Gil González, Roser Colomé Roura, Mª Àngels Garcia Cazorla

36. Is Cognitive Functioning Discussed with Brain Tumour Patients during Presurgical Decision Making?

37. Neuropsychological profile associated with breast cancer survival: a systematic review
Marta Aliño, Irene Cano-López, María José García-Rubio, Aránzazu Duque, Paula Martínez, Encarnación Rama, Mercedes Almela, Pilar Moreno, Sara Puig-Pérez

38. Associations Between Cognitive Functioning, Coping and Depressive Complaints in Low-Grade Glioma Patients
Floor Gelmers, Femke Siebenga, Sandra Rakers, Jacoba Spikman, Anne Buunk

39. Neurocognitive Decline in Patients with 4-20 Brain Metastases Treated with Stereotactic Radiosurgery
Catherine Sullaway, Jing Li, Erik Sulman, Todd Pezzi, Kyle Noll, Cristina Tortarolo, Jeffrey Wefel

40. Long-Term Cognitive Safety of CAR T-Cell Treatments
Catherine Belin, Didier Maillet, Christine Moroni, Renata Ursu, Stefania Cuzzubbo, Roberta Di Blasi, Christophe Carreau, Catherine Thieblemont, Antoine Carpentier

41. Higher-Order Cognitive Functions in Low-Grade Glioma Patients
Femke F. Siebenga, Floor Gelmers, Sandra E. Rakers, Jacoba M. Spikman, Anne M. Buunk
42. Emotion Recognition in Low-Grade Glioma Patients Before and After Surgery
Anne M. Buunk, Marleen Gerritsen, Jacoba M. Spikman, J.R. Jeltema, M. Wagemakers, J.D.M. Metzemaekers, R.J.M. Groen

43. Descriptive Study of Knowledge About Epilepsy in People with Epilepsy
Álvaro Prieto, Emilio Verche

44. Sleep disorders and executive functions in people with epilepsy
Paula Muñoz Fernández, Mariana Elena Cairós González

45. Impairments in the Theory of Mind in Patients with Epilepsy: Systematic Review and Meta-analysis
Ian David Rodríguez-Razo, Roberto Peña-Escamilla, Judith Salvador-Cruz

46. Learning Capacity Distinguishes Impairment in Patients with Stereo-EEG Confirmed FLE and TLE
Nicholas Murray, Mitchell Byrne, Anthony Kneebone, Lisa Gillinder, Petra Graham, Greg Savage

16:30-17:50h AXA Auditorium - SYMPOSIA 3 Negative affect and neurodegenerative diseases: Recent progress and future directions
Chair: Elisa Di Rosa

Negative affect in Parkinson’s disease: evidence from the COVID-19 pandemic
Elisa Di Rosa

Are affective disorders the first symptoms of cognitive impairment? Evidence in a sample of elderly outpatient
Alberto Sardella

Exploring state and trait markers of Impulsive Compulsive Behaviors in Parkinson’s
Nicky Edelstyn

Dancing and music therapy to improve well-being and depression in Parkinson’s Disease
Annelien Duits

16:30-17:50h AXA Hall 1 - SYMPOSIA 4 The Utilization of Wearable and Passive Technology in the Monitoring of Mental and General Health Status
Chair: Isaac Tourgeman

The Viability of Utilizing Wearable Technology for Digital Phenotyping
Jessica Frias

Public Opinions on Wearable Technology
Brooks Peterson

The Utility of Passive and Portable Sensor Data for Monitoring the Symptomatology of Depression and Anxiety
Dayron Gonzalez

Relationship Between the Methods of Monitoring Cardiovascular Disease and Mental Health
Stanley Chen

16:30-17:50h Workshop (Sponsored by the INS Student Liaison Committee)
“Premorbid estimates of cognitive abilities”
Rocío del Pino
(NH Constanza Hotel - Barcelona Hall)
Detailed Programme

16:30-17:50h PAPER SESSION 14 Factors influencing cognitive deficits in schizophrenia.
(NH Constanza Hotel – Berlin Hall)
Chair: Rafael Penades

Family aggregation of the Intelligence Quotient: understanding its role in first episode of psychosis
Nancy Murillo-García, Jordi Soler, Mar Fatjó-Vilas, Rosa Ayesa-Arriola

Theory of mind as an Endophenotypic Marker in Schizophrenia Spectrum Disorders: Family Study
Georgelina Abreu Fernandez, Rosa Ayesa Arriola

Examination of the Executive Dysfunction Hypothesis of Formal Thought Disorder in Schizophrenia
Pablo del Olmo, Laura López-Araquistain, Paola Fuentes-Claramonte, Salvador Sarró, Bibiana Sans-Sansa, Jordi Ortiz-Gil, Jesús J. Goñi, Joana Rosselló, Peter J. McKenna, Edith Pomarol-Clotet

Moderators of Functional Outcome Improvement After Integrative Cognitive Remediation in Schizophrenia
Agurne Sampedro, Javier Peña, Pedro Sánchez, Naroa Ibarretxe-Bilbao, Nagore Iriarte-Yoller, Cristóbal Pavón, Mikel Tous-Espelosin, Natalia Ojeda

18:00-19:20h PAPER SESSION 15 Cognitive and behavioural determinants of TBI
(NH Constanza Hotel – Axa Hall 1)
Chair: Lucía Zumarraga Astorqui

The Contributions of Foreground and Background Reward Sensitivity to Apathy after Traumatic Brain Injury
Halle Quang, Campbell Le Heron, Fiona Kumfor, Bernard Bellaine, Tuong-Vu Nguyen, Truc-Quynh Nguyen, My-Ngan Nguyen, Skye McDonald

Task-Induced Subjective Fatigue and Resting-State Striatal Connectivity Following Traumatic Brain Injury
Jessica Bruijel, Conny Quaedflieg, Tobias Otto, Vincent van de Ven, Sven Stapert, Caroline van Heugten, Annemiek Vermeeren

Fatigue After Mild Traumatic Brain Injury: Association with Mood, Life Events, and Alcohol Consumption
Kaisa Mäki, Taina Nybo, Marja Hietanen, Susanna Melkas

Mental Fatigue after Traumatic Brain Injury: Different Determinants across the Severity Spectrum
Sandra Rakers, Aniek Reinhardt, Joukje van der Naalt, Jacoba Spiikman

Cognitive, emotional and interpersonal determinants of loneliness and belongingness in brain injury survivors
Christian Salas, Hector Ureta, Alvaro Aliaga, Osvaldo Castro, Daniel Rojas, Ramiro Crucés, Jon Evans

18:00-19:20h AXA Auditorium - SYMPOSIA 5 Neuropsychological research in the Americas: From genes to brain, cognition, and everyday mental health”
Sponsored by Asociación Latinoamericana de Neuropsicología (ALAN)
Chair: Mauricio García-Barrera

Contribution of Val158Met COMT polymorphism to mathematical skills
Yaira Chamorro
Detailed Programme

Memory and executive changes in preclinical carriers of the V717I mutation of APP causal of Autosomal Dominant Alzheimer’s Disease (ADAD)
Esmeralda Matute

Bilingualism and Interhemispheric Brain Connectivity in Aging
Mónica Rosselli

18:00- 19:20h **PAPER SESSION 16** Neuropsychology of Epilepsy
(NH Constanza Hotel - Berlin Hall)

**Chair:** Seta Kazandjian

Verbal episodic memory in children undergoing focal epilepsy surgery
Enric Bellido Castillo, Anna López Sala, Javier Aparicio Calvo, Daniel Cuadras Pallejà, Andrea Palacio Navarro

Subjective and Objective Memory Change After Epilepsy Surgery: Role of Seizure Outcome and Depressive Symptoms
Florian Muecke, Marc Hendriks, Christian Bien, Philip Grewe

The Impact of Mood on Neuropsychological Test Performance in Epilepsy
Sallie Baxendale

Demand-dependent Psycholinguistic Phenotypes in Temporal Lobe Epilepsy: Circumstantiality Re-examined
Fiore D’Aprano, Charles Benjamin Malpas, Michael Martin Saling

18:00- 19:20h **NH Constanza Hotel - Barcelona Hall - SYMPOSIA 6**
Impact of cultural diversity on neuropsychological assessment and rehabilitation

Sponsored by the INS Student Liaison Committee
Panelists: Jon Evans, Alberto Fernandez, Skye McDonald
FRIDAY, July 8TH

8:30-10:00h  AXA Auditorium - SYMPOSIA 7  Across cultures and languages: Neuropsychological assessment of patients with focal and neurodegenerative disease
Sponsored by the INS Cultural Special Interest Group
Chairs: Francesca Arias and Claudia Peñaloza

Translate an existing test in another language or develop an original test? Factors to consider
Brooke Hallowell

Cultural and linguistic aspects in neuropsychological assessment of neurodegenerative diseases in Arabic
Mohamed Taiebine

The adaptation and standardization of the Catalan version of the Comprehensive Aphasia Test
Anna Gavarró and Io Salmons

Cross-language interference and facilitation in neurodegenerative diseases
Marco Calabria

8:30-10:00h  SYMPOSIA 8: Brain Resilience and Maintenance in Advanced Age: Mechanisms and Study Frameworks (Axa Hall 1)
Sponsored by the Spanish Federation of Neuropsychological Societies FANPSE
Chair: Juan Olmo

Can the way we think affect our cognitive and brain health?
Harriet Demnitz-King

Resilience and resistance to Alzheimer’s disease: mental health and lifestyle in people at increased risk for cognitive decline
Eider M. Arenaza-Urquijo

Brain maintenance in aging - current status and future prospects
Lars Nyberg

Non-invasive brain stimulation to characterize and enhance brain resilience
David Bartrés-Faz

8:30-10:00h  PAPER SESSION 17  Short term and long term Outcomes in TBI outcomes (NH Constanza Hotel – Barcelona Hall)
Chair: Skye McDonald

Neurocognitive Outcomes Following Mild Traumatic Brain Injury in Military Special Operations Forces
Lars Hungerford, Mark Ettenhofer, Jenna Trotta

Personal Factors and Long-term Outcome After Acquired Brain Injury: the Role of Resilience and Mood
Ieke Winkens, Caroline Van Heugten, Carina Resch, Anne Visser-Meily

Cognitive impairments and subjective cognitive complaints in survivors and caregivers after a cardiac arrest
Caroline van Heugten, Veronique Moulait, Catherine Steinbusch, Pauline van Gils, Jeanine Verbunt
Detailed Programme

Prognostic study of functionality and cost-effectiveness after traumatic brain injury using machine learning
Joan Ferri, Julio Silva-Rodríguez, Adrián Colomer, Valery Naranjo, Myrtha O´Valle, Desiree Amorós, Silvia Cerezo, Carmen García-Blazquez, Pablo Villarino, Mª Dolores Navarro, Enrique Noé, Roberto Llorens

8:30-10:00h NH Constanza Hotel – Berlin Hall - SYMPOSIA 9 Neuropsychological Evaluation and Tasks Proposals to meet needs of the Legal Context
Chair: Andrea Horta-Barba

Neuropsychological Evaluation and Tasks Proposals to meet needs of the Legal Context
Julia C. Daugherty

The IDEAL Scale to Staging “Care Needs” in People with Dementia: The Spanish Validation Experience
Raúl López Antón

Premorbid Intelligence Calibrated Norms: The Word Accentuation Test and Pseudo-Words Reading Subtest
Rocio Del Pino

Detecting cognitive and psychiatric malingering in Italy: an overview
Alice Naomi Preti

10:00-11:30h AXA Auditorium - SYMPOSIA 10 Debate: Detection, filiation, assessment and treatment of visuoperceptive and visuospatial disorders in brain damage
Sponsored by the Spanish Consorcio de Neuropsicología Clínica
Chair: Silvia Gamazo Navarro

Cognitive detection and semiology in perceptual and visuospatial alterations
Catarina Cunha

Semiology and cognitive approach in perceptual and visuospatial alterations
Jessica Giuffrida

Advances in the cognitive approach to perceptual and visuospatial alterations
Helena Melero Carrasco

10:00-11:30h PAPER SESSION 18 Novelty approaches to Neuropsychological assessment (Axa Hall 1)
Chair: Edward de Haan

Development of an Anterograde Topographic Orientation Abilities Assessment Task in a VR Environment.
Pablo Rodríguez Prieto, Joaquín Alejandro Ibañez Alfonso

The Multi-modal Evaluation of Sensory Sensitivity (MESSY): how to Assess a Commonly Missed Stroke Symptom
Hella Thielen, Nora Tuts, Lies Welkenhuyzen, Irene Huenges Wajer, Christophe Lafosse, Robin Lemmens, Alain Wibail, Céline Gillebert

Why a VR math cognition test?
Elena Salillas, Gema Climent

WISC-V structure by using Bayesian causal model discovery (BCCD) as an alternative for CFA
Marc Hendriks, Marjolein van Dijk, Izak Bragt, Paul van der Heijden
Validity of the Dynamic Clock Drawing Task for Assessing Learning Potential in Elderly Stroke Patients
Martine Wilbers, Chantal Geusgens, Caroline van Heugten

10:00-11:30h PAPER SESSION 19 From MCI to Dementia: What’s new
(NH Constanza Hotel - Barcelona Hall)
Chair: Melissa Lamar

Detecting Pre-Clinical Signs of MCI or Dementia in Healthy Elderly Populations: A new Paradigm, the VALMT
Terry McGibbon, Ashok Jansari

Association Between CSF Biomarkers and the Test of Memory Strategies in Mild Cognitive Impairment Patients
Anna Carnes-Vendrell, Gerard Piñol-Ripoll, Brenda Chino-Vilca, Lucia Torres-Simon, Agnieszka Żelwetro, Inmaculada Concepción Rodríguez-Rojo, Raquel Yubero, Nuria Paul, Fernando Maestu

Multidimensional Aspects of Health in a Cognitive Aging Sample
Emily Ho, Molly Mather, Sandra Weintraub, Richard Gershon

Phonological and Semantic Features of Lexical Retrieval in Primary Progressive Aphasia
Marco Calabria, Francesco Ciongoli, Clara Martin, Simona Mancini, Sonia Marqués Kiderle, Isabel Sala, Nuole Zhou, María Belén Sánchez-Saudínós, Juan Fortea, Alberto Lleó, Ignacio Illán-Gala, Miguel Ángel Santos-Santos

Anhedonia in Frontotemporal Dementia - Neural Substrates and Functional Implications
Siobhán Shaw, Hashim El-Omar, Tao Chen, John Hodges, Olivier Piguet, Rebekah Ahmed, Alexis Whitton, Muireann Irish

10:00-11:30h NH Constanza Hotel – Berlin Hall - SYMPOSIA 11 Challenges and Advances in Cross-Cultural Neuropsychology in Europe
Chair: Clara Calia

European Consortium on Cross-Cultural Neuropsychology (ECCroN)
Clara Calia

The Timely Diagnosis of Dementia in Minority Ethnic Groups in Europe (TIMING) Project
T. Rune Nielsen

Detection of Alzheimer’s Disease in Multicultural Populations: What’s new About the TNI-93 Memory test?
Pauline Narme

Brain and Culture in Europe: the EMBRACED Battery
Inmaculada Ibáñez-Casas

CCD and CNTB in Spain and Minority Population in Alzheimer, Parkinson, and Multiple Sclerosis
Alfonso Delgado-Alvarez

POSTERS SESSION 4

1. Executive Function is More Predictive than Pain for Psychological Experiences in Older Adults with Diabetes
Hsiao-Ting Ho, Sang-I Lin, Nai-Wen Guo, Yi-Ching Yang, Ming-Hsing Lin, Chong-Shan Wang
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Presenters</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td>Facial emotion recognition in Parkinson’s disease: the role of executive and affective domains</td>
<td>Antonia Siquier, Pilar Andres</td>
</tr>
<tr>
<td>4</td>
<td>The Executive Function of VLBW and ELBW Preterm Children with Normal Early Development</td>
<td>Tzu-Lo Ni, Chao-Ching Huang, Nai-Wen Guo</td>
</tr>
<tr>
<td>5</td>
<td>Impaired Executive Functioning Associated with Alcohol Use Disorder and Alcoholic Korsakoff’s Syndrome</td>
<td>Gwenny Janssen, Roy Kessels, Jos Egger</td>
</tr>
<tr>
<td>6</td>
<td>Executive Attention, Internalizing Symptomatology, and the Moderating Effects of Rejection Sensitivity</td>
<td>Alex Roseman, Dr. Kevin Meehan Ph.D.</td>
</tr>
<tr>
<td>7</td>
<td>An intervention of Executive Functions to Improve the Academic Performance in Students of Primary School</td>
<td>Amilkar Calderón, Esmeralda Martínez, Helmer Chacon, Martha Méndez, Roselin Villalba</td>
</tr>
<tr>
<td>8</td>
<td>Altered Executive Functions in Adolescents with Problematic Smartphone Use</td>
<td>María José Fernández-Serrano, Irene Tauste-Garcia, Sandra Santiago-Ramajo, María Moreno-Padilla, Juan Verdejo-Román</td>
</tr>
<tr>
<td>9</td>
<td>Neurocognitive Operations Underlying Executive Abilities: An Analysis of Latency and Time-Based Parameters</td>
<td>Sheina Emrani, Melissa Lamar, Catherine C. Price, Rod Swenson, Davd J. Libon, Ganesh Baliga</td>
</tr>
<tr>
<td>10</td>
<td>Effects of Confinement During CoVID-19 in Executive Functions in Development: Preliminary Results</td>
<td>Cristina Solleiro, María Quiros-Godoy, Beatriz Gil-Gomez de Liano, Elena Perez-Hernandez</td>
</tr>
<tr>
<td>11</td>
<td>Influence of a Physical Activity Self-Monitoring Record on Attentional Ability</td>
<td>Raquel Mula-Forte, Emilio Verche</td>
</tr>
<tr>
<td>12</td>
<td>Arithmetic Skills of Young Adults with ADHD</td>
<td>Lourdes Bolaños, Fernanda Romo, Esmeralda Matute</td>
</tr>
<tr>
<td>13</td>
<td>Improving Learning in ADHD: Relevance of Attentional Capacity in the Use of MI and SG Techniques</td>
<td>Maria Arenas, Diego Rivera, Carlos De los Reyes</td>
</tr>
<tr>
<td>14</td>
<td>Perception of Symptoms and Mental Health of Parents of Children with ADHD</td>
<td>Natalia Suárez Yepes, Gustavo Lora Sandoval, Angela Ximena Lopez Rico, Luis Augusto Carrillo, Heber Osiel Morales Lopez, Susset Beatriz Fernandez Menendez, Carlos Jose De los Reyes Aragon</td>
</tr>
<tr>
<td>15</td>
<td>Interference effect from visual peripheral distractors in deaf children</td>
<td>Laura Fernández García, Jessica Phillips-Silver, María Teresa Daza González, Nahuel Girosa Maurno</td>
</tr>
<tr>
<td>16</td>
<td>Age moderates the relation of mentalization and multidimensional emotion perception in children</td>
<td>M. Acebo Garcia-Guerrero, Javier Peña, Leire Zubiaurre-Elorza</td>
</tr>
<tr>
<td>17</td>
<td>Emotion Regulation in Monozygotic Twins: a Cross-Sectional Study</td>
<td>Victoria Geraldi Menegon, Nara Andrade, Tania Kiehl Lucci, Vinicius Frayze David, Emma Otta</td>
</tr>
</tbody>
</table>
18. Differences in Emotion Recognition Between Various Neurological Disorders. 
A. Heegers, S.E. Rakers, H.J. Westerhof-Evers, L.S. Jorna, S. Khosdelazad, 
A.M. Buunk, J.M. Spikman

19. Is There a Direct Link Between Social Disinhibition and Aggression After Severe 
TBI? 
Michaela Filipčíková, Travis Wearne, Skye McDonald

20. Neuropsychological Impact of COVID-19 on Health Workers: Emotion and 
Coping Skills 
Gómez-Pulido Almudena, Montero Miekl, Varela Carmen, De la Vega Ariadna, 
Serrano Elena

21. Sleep impacts academic performance among college students 
Evelyn Dubon, Rozhin Afshar, Ron Duran

22. Attention Deficiencies in Children with Developmental Dyslexia 
Yiannis Metaxas, Filippos Vlachos

23. Academically successful adults with dyslexia: Support for the cognitive 
compensatory hypothesis 
Vanesa Lozano, Francisca Serrano, Antonio E. Puente, Inmaculada Ibañez-Casas

24. Identification of Early Neurological Predictors of Learning Disorders: 
Systematic Review and Meta-Analysis 
Maryam Alabbad, Muhammad Ajmal Khan, Nadeem Siddique, Shahid Bashir, 
Turki Abualait

25. Interhemispheric and Intrahemispheric RS-FC in Left-Handers with Typical and 
Atypical Language Lateralization 
Eva Calderón-Rubio, Anna Miró-Padilla, Esteban Villar-Rodríguez, 
Lidón Marin-Marín, César Ávila

26. Intraoperative Neuropsychology 
David Benitez, Rita M. Rivera

27. Transcranial Electrical Stimulation Techniques Comparison on Foreign 
Language Learning: a Pilot Study 
Yolanda Balboa-Bandeira, Leire Zubiaurre-Elorza, M. Acebo García-Guerrero, 
Naroa Ibarretxe-Bilbao, Natalia Ojeda, Javier Peña

28. Use of Transcranial Direct Current Stimulation in the Rehabilitation of 
Begoña González Rodrigo, Elena Muñoz Marrón, David De Noreña Martínez, 
Francisco Jose Sánchez Cuesta, Aída Arroyo Ferrer, Yeray González Zamorano, 
Marcos Ríos Lago, Juan Pablo Romero Muñoz

29. No association between TEED and verbal fluencies after DBS in patients with 
Parkinson's disease 
Fabiana Ruggiero, Francesca Mameli, Natale Maiorana, Sara Marceglia, 
Marco Prenassi, Linda Borellini, Filippo Cogiamanian, Elena Pirola, Eleonora Zirone, 
Denise Mellace, Benedetta Capetti, Luigi Gianmaria Remore, Giorgio Fiore, 
Maria Rita Reitano, Michelangelo Dini, Marco Locatelli, Sergio Barbieri, 
Alberto Priori, Roberta Ferrucci

30. Neural basis of visuospatial tests in behavioral variant frontotemporal 
dementia 
Alfonso Delgado-Alvarez, María Nieves Cabrera-Martín, María Valles-Salgado, 
Cristina Delgado-Alonso, Maria José Gil, María Diez-Cirarda, Jorge Matias-Guiu, 
Jordi A. Matias-Guiu
Detailed Programme

31. Is repetitive Transcranial Magnetic Stimulation successful for the rehabilitation of visuo-spatial neglect?
Monica N. Toba, Anna Kaglik, Solohaja Faniaha Dimby, Federica Rastelli, Pascale Pradat-Diehl, Antoni Valero-Cabré

32. Aphantasia: Case Report
Xavier Montaner

33. Improving Creativity with Combined Transcranial Direct Current (tDCS) and Random Noise (tRNS) Stimulation
Javier Peña, Agurne Sampedro, Oihan Zabala, Naroa Ibarretxe-Bilbao, Acebo García, Leire Zubiaurre-Elorza, Natalia Ojeda

34. Creativity and transcranial non-invasive stimulation with transcranial random noise stimulation
Oihan Zabala-Gómez, Agurne Sampedro, Natalia Ojeda, Naroa Ibarretxe-Bilbao, Olaia Lucas-Jiménez, Javier Peña

35. Changes in Brain Activation after Functional Neurosurgery in Refractory OCD
Garazi Laseca-Zaballa, Marcos Ríos-Lago, Genny Lubrini, Jose Antonio Periañez, Manuela Martín Bejarano, Cristina Torres-Díaz, Nuria Martínez Moreno, Juan Álvarez-Linera, Roberto Martínez Álvarez

Manuela Martín-Bejarano, Jose Antonio Periañez, Genny Lubrini, Blanca Navarro-Main, Garazi Laseca-Zaballa, Juan Álvarez-Linera, Marcos Ríos-Lago

37. Testing the RST Factorial Structure on a Voxel-Based Morphometry Dataset: A Confirmatory Factorial Analysis
Elena Lacomba-Arnau, Agustín Martínez-Molina, Jorge Moya-Higueras, Alfonso Barrós-Loscertales

38. Neuropsychological Interventions with Board Games: A Systematic Review and Meta-Analysis
Verónica Estrada-Plana; Núria Vita-Barrull; Rosa Ayesa-Arriola; Jaume March-Llanes; Jorge Moya-Higueras

39. How to Choose Commercialized Board Games for Cognitive Rehabilitations? Analysis of a Committee of Experts
Núria Vita-Barrull; Verónica Estrada-Plana; Jaume March-Llanes; Jorge Moya-Higueras

40. A Pilot Study About Modern Board Games as Cognitive Rehabilitation in Schizophrenia
Laura Bel-Trullen; Fracisco Ginés Rodríguez Valera; Verónica Estrada-Plana; Núria Vita-Barrull; Jaume March-Llanes; Jorge Moya-Higueras

41. Language Perception in Schizophrenia: a Neuroimaging Study
Lucila Barbosa, Joan Soler-Vidal, María Ángeles García-León, Paola Fuentes-Claramonte, Pilar Salgado-Pineda, Nuria Ramiro, María Llanos Torres, Antonio Arévalo, Amalia Guerrero-Pedraza, Ana Aquino, Sandra Fernández-Núñez, Josep Munuera, Salvador Sarró, Raymond Salvador, Wolfram Hinzen, Peter McKenna, Edith Pomarol-Clotet

42. Defining and Characterizing GWI Pathology using Longitudinal Brain Imaging Biomarkers
Jenna Groh, Chia-Hsin Cheng, Bang-bon Koo, Ronald Killiany, Maxine Kremgel, Kimberly Sullivan
Detailed Programme

14:00-15:20h PAPER SESSION 20 Assessment and Intervention in cognition in Schizophrenia (Axa Hall 1)
Chair: Rafael Penadés

Exploring Neuropsychological Performance as an Endophenotype in Schizophrenia Spectrum Disorders
Nancy Murillo-García, Alexandre Díaz-Pons, Luis Manuel Fernández-Cacho, Margarita Miguel-Corredera, Sara Martínez-Barrio, Víctor Ortiz-García de la Foz, Karl Neergaard, Rosa Ayesa-Arriola

White Matter Correlates of Mentalising Subfields in Schizophrenia and the role of Interleukin-6
Tom Burke, Laurena Holleran, David Mothersill, Sinead King, Saahithh Patlola, Karolina Rokita, Nathan O’Rourke, James Lyons, Ross McManus, Marcus Kenyon, Colm McDonald, Brian Halligan, Aiden Corvin, Derek Morris, John Kelly, Declan McKernan, Gary Donohoe

The utility of EPICOG-SCH screening battery in clinical settings: A case series of cognition and functionality
Silvia Zaragoza Domingo, Julio Bobes, Manuel De Gracia, Bernat Campins, Gemma Escartin, Maria Paz García-Portilla, Silvia Moron, Jolanda Ruiz

Epigenetic effects of cognitive remediation therapy in persons with schizophrenia
Rafael Penadés, Carmen Almodóvar, Clemente García-Rizo, Silvia Amoretti, Victoria Ruiz, Rosa Catalán, Mar Fatjó-Vilas, Bárbara Arias

11:30-12:00h MORNING COFFEE BREAK + POSTERS SESSION 4

12:00-13:00h AXA Auditorium - PLENARY KEYNOTE Hans-Otto Karnath “Spatial neglect and the vestibular system”

13:00-14:00h LUNCH BREAK

14:00-15:20h AXA Auditorium - SYMPOSIA 12 The contribution of somatosensory deficits to different clinical phenomena
Sponsored by the Federation of European Societies of Neuropsychology (FESN)
Chair: Hans-Otto Karnath

Interacting Components of Body Perception in various Clinical Conditions
Chris Dijkerman

Somatosensory Delusion in Embodiment/Disembodiment Neuropsychological Syndromes
Anna Berti

Somatomotor Processing in Tourette Syndrome
Stephen Jackson

14:00-15:20h PAPER SESSION 21 Neurodevelopmental neuropsychology
(NH Constanza Hotel – Barcelona Hall)
Chair: Emilia Lojek

A Meta-Analytic Review of Memory in Children Born Very Preterm or with Very Low Birthweight
Paulina M. Stedall, E. Sabrina Twilhaar, Megan M. Spencer-Smith, Emma F. Campbell, Rebecca N. Brown, Alice C. Burnett, Peter J. Anderson
Pervasive Episodic and Selective Prospective Memory Difficulties in 13-Year-Old Children Born Very Preterm
Paulina M. Stedall, Megan M. Spencer-Smith, Suncica Lah, Lex W. Doyle, Alicia J. Spittle, Alice C. Burnett, Peter J. Anderson

Longitudinal Changes in Cognitive Functioning in Extremely Low Gestational Age Newborns: Ages 2 to 15 Years
Stephen Hooper, Robert Joseph, Hudson Santos, Xianming Tan, Rachana Singh, Jean Frazier, Karl Kuban, Rebecca Fry, Thomas O’Shea

Contribution of the social cognition evaluation battery “clacos” in autism spectrum disorder
Shasha Morel-Kohlmeyer, Charlotte Danset-Alexandre, Alix Thillay, Sylvie Roux, Isabelle Amado, Lindsay Brenugat, Isabelle Carteau-Martín, Baptiste Gaudelus, Jérôme Graux, Elodie Peyroux, Zelda Prost, Marie- Odile Krebs, Nicolas Franck, Frédérique Bonnet-Brilhaut, Emmanuel Houy-Durand

Emotions in adolescents with history of emotional neglect: fMRI Study
Eduar Herrera, Sandra Báez

Perceived Cognitive Impairment and Psychosocial Adversity in High School Students
Ilia Iverson, Grant Iverson

14:00-15:20h PAPER SESSION 22 Cognition, biomarkers and dementia (NH Constanza Hotel - Berlin Hall)
Chair: Lena Dobson

Learning Capacity in Early-Stage Alzheimer’s Disease: The Role of Feedback and Errors
Inge Scheper, Inti Brazil, Dirk Bertens, Sofie Geurts, Roy Kessels

Favorites test is associated with amyloid and p-tau181 positivity in cognitively unimpaired individuals
Anna Brugulat-Serrat, Elena Tsoy, Gonzalo Sánchez-Benavides, Alba Cañas-Martínez, Lidia Canals-Gispert, Marta Milà-Alomà, Marc Suárez-Calvet, Oriol Grau-Rivera, Carolina Minguillon, Karine Fauria, Juan Domingo Gispert, Joel H. Kramer, Katherine Possin, EPAD Consortium

Discrepancy Between Visual and Verbal Working Memory is Related to PTau217 in abnormal Amyloid-β individuals
Gonzalo Sánchez-Benavides, Lidia Canals-Gispert, Alba Cañas-Martínez, Anna Brugulat-Serrat, Marta Milà-Alomà, Marc Suárez-Calvet, Carolina Minguillon, Thomas Karikari, Nicholas Ashton, Henrik Zetterberg, Kaj Blennow, Juan Domingo Gispert, Oriol Grau-Rivera

The Recency Ratio in Story Recall Predicts Dementia Biomarkers
Davide Bruno, Ainara Jauregi Zinkunegi, Gwendlyn Kollmorgen, Ivonne Suridjan, Cynthia Carlsson, Barbara Bendlin, Ozioma Okonkwo, Bruce Hermann, Henrik Zetterberg, Kaj Blennow, Rebecca Langhough Koscik, Sterling Johnson, Kimberly Mueller

15:30-16:50h PAPER SESSION 23 Management and clinical decisions following TBI (Axa Auditorium)
Chair: Jon Evans

Audit of Pathway of Patients in Disorders of Consciousness in a Scottish Inpatient Neurorehabilitation Setting
Blanca Poveda, Thomas McMillan, Alasdair FitzGerald

Case Management for People with Acquired Brain Injury and Their Family
Annemarie P.M. Stiekema, Caroline M. van Heugten
Effect of Transcranial Direct Current Stimulation (tDCS) in Patients with Disorders of Consciousness
Aurore Thibaut, Géraldine Martens, Anna Estraneo, Salvatore Fiorenza, Enrique Noé, Roberto Llorens, M. Dolores Navarro, Myrtha O’Valle, Rita Formisano, Giovanni Morone, Andreas Bender, Martin Rosenfelder, Gianfranco Lamberti, Ekaterina Kodratyeva, Liudmila Legostaeva, Carmen Kreuer, Friedemann Müller, Steven Laureys, Olivia Gossieres, Nicolas Lejeune

15:30-16:50h PAPER SESSION 24 Neuropsychiatry and cognition (Axa Hall 1)
Chair: Rafel Penadés

Investigating the Relationship of Brain Age Gaps & Psychiatric Symptoms
Celine Shu Ying Chan

The Effect of Core Cognitive Dysfunction on Memory in People with Mood Disorders
Bethany Little, David Cousins, Yujiang Wang, Peter Gallagher

Sex differences in cognitive reserve among first episode of psychosis patients
Rebeca Magdaleno Herrero, Victor Ortiz-García de la Foz, Nancy Murillo-García, Javier Vázquez-Bourgon, Esther Setién-Suero, Benedicto Crespo-Facorro, Rosa Ayesa-Arriola

Affective and Cognitive Symptoms in Cerebellar Degeneration after Non-alcoholic Wernicke’s Encephalopathy
Nicolaas J.M. Arts, Maud E.G. van Dorst, Sandra H. Vos, Roy P.C. Kessels

15:30-16:50h PAPER SESSION 25 Factors influencing developmental disorders outcomes (NH Constanza Hotel – Barcelona Hall)
Chair: Lucía Zumarraga Astorqui

Long-Term Outcomes in Low-Risk Preterm-Born Adolescents and Young Adults
Lexuri Fernández de Gamarra-Oca, Natalia Ojeda, Begoña Loureiro, Marta Molins-Sauri, Ainara Gómez-Gastiasoro, Olga Bruna, Javier Peña, Naroa Ibarretxe-Bilbao, M. Acebo García-Guerrero, Leire Zubiaurre-Elorza

Impact of Sleep on Attention-Executive Functioning in Children with Neurodevelopmental-Disorders.
Carolina Morales, Aritz Aranbarri, Ares Sentenach, Oscar Sans, Mª Ángeles Mairena, Ester Camprodon, Imma Insa, Jose Ángel Alda

Improving Adaptive Skills of College Students Diagnosed with Autism Spectrum Disorder
Ali Mahamat

Language Development in Early-ASD: A new use of the CDIs.
Aritz Aranbarri, Judith Decathalogne, Beatriz Daudén, Marıá Díez-Juan

15:30-16:50h PAPER SESSION 26 Movement Disorders and dementia (NH Constanza Hotel – Berlin Hall)
Chair: Barbara Segura

Pilot phase of the vCare “Virtual Coaching Activities for Rehabilitation in Elderly” in Parkinson’s disease
Rocio Del Pino, María Díez-Cirarda, Alvaro Martinez, Massimo Caprino, Stefan Busnatu, Vitto Nitti, Emanuel Sadner, Jin Liu, Mircea Vasile, Kai Gand, Hannes Schlieter, Iñigo Gabilondo, Juan Carlos Gómez-Esteban
Detailed Programme

Dementia Rating Scale-2: Three-Year Follow-up of Surgical and Non-Surgical Parkinson's Disease Patients
Alexandra Gonçalves, Alexandre Mendes, Nuno Vila-Chã, Joana Damásio, Inês Moreira, António Verdelho, Carla Silva, Luís Botelho, Armando Teixeira-Pinto, Sara Cavaco

Sleep disorder in patients with Parkinson's Diseases underwent to NST-DBS
Catalina Pons, Ignacio Cifre, Carmen García-Sánchez, Berta Pascual-Sedano, Nicholas Grunden, Rodrigo Rodríguez-Rodríguez, Alex Gironell, Jaime Kulisevsky

Differences in Visual-Cognition Between Asymptomatic and Symptomatic Carriers of Huntington's Disease
Miriam Turuelo, María Ángeles Acera, Tamara Fernández-Valle, Johanne Somme, Javier Ruiz-Martínez, Lara Pardina-Vilella, Andrea Gabilondo, Beatriz Tijero, Marta Ruiz-López, Mar Carmona, Ioana M. Croitoru, Naia Ayo, Ane Murueta-Goyena, Iñigo Gabilondo, Juan Carlos Gómez-Esteban, Rocío Del Pino

Structural Brain Differences Between Lewy Body Diseases Subtypes Based on Nonmotor Symptoms
Olaia Lucas-Jiménez, Naroa Ibarretxe-Bilbao, Ibai Diez, Javier Peña, Beatriz Tijero, Marta Galdós, Ane Murueta-Goyena, Rocío Del Pino, María Ángeles Acera, Juan Carlos Gómez-Esteban, Iñigo Gabilondo, Natalia Ojeda

17:00-17:30h AFTERNOON COFFEE BREAK + POSTERS SESSION 5

POSTERS SESSION 5
1. The Role of Different Cognitive Reserve Proxies in Cognitive Functioning Across the Adult Lifespan
Joukje Oosterman, Michelle Jansen, Linda Geerligs, Nikita Frankenmolen

2. Implicit Sequence Learning in Elderly - Measured by an Oculomotor Activated Serial Reaction Time Task (O-SRT)
Simone Schwizer Ashkenazi, Shira Hacohen-Brown, Eli Vakil

3. Physical Activity During Midlife: Associations with Brain, Mental and Cognitive Health
Muge Akinci, Carme Deulofeu, Eleni Palpatzis, Cleofé Peña-Gómez, Sherezade Fuentes-Julian, Gregory Operto, Marina García-Prat, Mahnaz Shekari, Anna Brugulat-Serrat, Juan Domingo Gispert, Gonzalo Sánchez-Benavides, Eider M. Arenaza-Urquijo

4. Association between resilience to stress in the elderly people and performance in iadl
Noelia Sáez, Encarnación Sanchez, Sandra Rute, Alfonso Caracuel

5. Factors influencing mobile phone use in older adults
Araceli Revollo Sarmiento, Leticia Vivas, Deisy Krzemien

6. Expanding Retrieval Practice Boost Episodic Memory in Individuals with Amnestic Mild Cognitive Impairment
Chia-Hsing Chi, Yu-Ling Chang

7. Electrophysiological Correlates of Associative Recognition Memory for Identity, Satial and Temporal Relations
Ofer Hugeri, Eli Vakil, Daniel A. Levy

8. The Influence of Drawing on Memory Formation: A Lesion-Based Approach
Adina Levi, Adam Pugsley, Myra Fernandes, Gary R. Turner, Asaf Gilboa
9. Differential Effect of Executive Function on the Memory Binding Test and Logical Memory in Healthy Cognition
Alba Cañas-Martínez, Lidiia Canals-Gispert, Anna Brugulat-Serrat, Nina Gramunt-Fombuena, Marta Milà-Alomà, Carolina Minguillon, Juan Domingo Gispert, Oriol Grau-Rivera, Gonzalo Sánchez-Benavides

10. Memory and Stress: Findings in Normal-Weight Population
Anna Prunell-Castañé, Maite Garolera, Xavier Caldú, Jonatan Ottino-González, Consol Sánchez-Garre, Maria José Sender, Neus Cano-Marco, Isabel García-García, Maria Ángeles Jurado

11. Relationship between Working Memory and Cognitive Empathy in IPV perpetrators against women
Noelia Pérez Cámara, María Pérez González, Natalia Hidalgo Ruzzante, Juan Verdejo Román, Inmaculada Teva Álvarez, Agar Marín Morales, Sofía Amaouí, Miguel Pérez García, Natalia Bueso Izquierdo

12. Naming of Topography: Long-Lasting Theta and Long-Lasting Alpha Dissociable Oscillatory Activity
Cristiane Souza, Margarida Vaz Garrido, Khaoula Ennhali, Joana Costa do Carmo

13. The Effect of Intervals After Practicing of a Simple Motor Task and a Complex cognitive task
Iris Lowenscuss-Erlich, Avi Karni, Carmit Gal, Eli Vakil

14. Automatized FACEmemory® Scoring Related to Alzheimer's Disease Phenotype and Biomarkers in Early-onset MCI
Montserrat Alegret, Oscar Sotolongo-Grau, Ester Esteban de Antonio, Alba Pérez-Cordón, Adelina Orellana, Ana Espinosa, Silvia Gil, Daniel Jiménez, Gemma Ortega, Angela Sanabria, Natalia Roberto, Isabel Hernández, Maitee Rosende-Roca, Juan Pablo Tartari, Emilio Alarcon-Martin, Itziar de Rojas, Laura Montreal, Xavier Morató, Amanda Cano, Dorene M. Rentz, Luis Tárraga, Agustín Ruiz, Sergi Valero, Marta Marquié, Mercè Boada

15. Classification Of MeMory Interventions: Development of the COMMIT tool
Michelle G. Jansen, Joukje M. Oosterman, Ann-Kristin Folkerts, Digo Chakraverty, Roy P.C. Kessels, Elke Kalbe, Mandy Roheger

16. “Take Care of your Brain”. Catalanian Brain Health Prevention and Detection Program
Juan Luis García Fernández, Cristina Borras Flores

17. Olfactory Function Reflects Medial Temporal Lobe Integrity in Individuals at Risk for Alzheimer’s Disease
Zoe Papadatos, Natalie Phillips

18. Validation of the Comprehensive Assessment of Neurodegeneration (COMPASS-ND) Study Neuropsychological Battery
Natalie Phillips, Jennifer Fogarty, Michael Borrie, Howard Chertkow, The COMPASS-ND Neuropsychology Working Group

19. Emotion Recognition in Vascular Dementia Compared to Frontal Temporal Dementia and Alzheimer’s Disease
Fijanne Strijkert, Rients Huitema, Barbara Van Munster, Joke Spikman

20. Background Music and Memory in Mild Cognitive Impairment: The Role of Arousal
Ciongoli Francesco, Calabria Marco, Grunden Nicholas, García-Sánchez Carmen

21. An integrated virtual reality program of prospective memory in a case of prodromal Alzheimer’s Disease
Valentina La Corte, Agnes Michon, Sophie Ferrieux, Maria Abram, Bruno Dubois, Pascale Piolino
22. Efficacy of an Online Focused Holistic Neuropsychological Intervention for Older Adults with Cognitive Decline
Tal Shany-Ur, Sari Maril, Naama Kivilis-Meiri, Ayala Bloch

23. Verbal Fluency in Bilinguals and Monolinguals with MCI: A Six-Month Follow-Up Study
Laura Casas, Inmaculada Rico, Nuria Rojo, Jordi Gascón, Jaume Campdelacreu, Ramón Reñé, Claudia Peñaloza

24. Emotion Perception in Mild Cognitive Impairment and High Functioning Autism
Emili Rodríguez-Hidalgo, Iolanda Moga-Pérez, Marta Hernández-Ferrándiz, Manuela Lozano-Gallego, Susanna Esteba-Castillo

25. Profile and neural correlates of language disintegration in early Huntington's disease
Saúl Martínez-Horta, Arnau Puig-Davi, Frederic Sampedro, Jesus Perez-Perez, Jordi Matias-Guiu, Andrea Horta-Barba, Javier Pagonabarraga, Maria Diez-Cirada, Lucia Fernandez-Romero, Miguel Yus, Fernando Cuetos, Jaime Kulisevsky

26. Deep Brain Stimulation in Dystonia: the Added Value of Neuropsychological Assessments
Maraike Coenen, Hendrikje Eggink, Martje van Egmond, Marinus Oterdoom, Marc van Dijk, Teus van Laar, Jacoba Spikman, Marina Tijssen

27. Is the anterior attentional system impaired in patients with Parkinson’s disease?
A pilot study
Paulina Golinska, Artur Sawicki, Łucja Bieleninik, Mariola Bidzan

Marina Sarno, Dayana Rodriguez, Scott Harcourt, Annelly Bure, Corneliu Luca, Bonnie Levin

29. Mood and Dysexecutive Changes are Associated with Caregiver Burden in de novo Parkinson’s Disease
Léon de Haan, Anne C. Slomp, Sygrid van der Zee, Maarten C. Eisma, Jacoba M. Spikman, Marleen J.J. Gerritsen

30. Validation of the BICAMS in Catalan population
Cristina Cano Olivar, Gonzalo Sanchez Benavides, Dolors Badenes, Javier Sotoca, Laura Casas, Marta Almeria, Sonia Arribas

31. The Effectiveness of an Intensive 3-Back Training in Multiple Sclerosis Patients and the Transfer Effects
Sonia Félix-Esbrí, Alba Sebastián-Tirado, Carla Sanchis-Segura, Cristina Forn

32. Relationship Between Depression, Fatigue and Cognitive Impairment in Multiple Sclerosis Patients
Alba Sebastián-Tirado, Sonia Félix-Esbrí, Álvaro-Javier Cruz-Gómez, Cristina Forn, Carla Sanchis-Segura

33. Avaluation of Socioemocional intervention in Multiple Sclerosis
Jordi Sanchez Monteagudo, Maria Lopez Elson, Maria Neus Tico Falguera, Maria Cruz Crespo Maraver, Aurea Autet Puig

34. Glatiramer Acetate, Oxidation and Cognition in Multiple Sclerosis patients
Anna Gil, Lara Nogueras, Marc Canudes, Hugo Gonzalo, José Serrano, Petya Valcheva, Cristina González, José Vicente Hervás, Silvia Peralta, Maria José Solana, Manel Portero, Luis Brieva
35. Neuropsychological Rehabilitation on Multiple Sclerosis Patients: Long-Term Results from a Controlled Trial
Inês Ferreira, Sara Cavaco, Ernestina Santos, Raquel Samões, Ana Paula Sousa, Armando Teixeira-Pinto, Ana Martins da Silva

36. Aerobic Capacity and Strength are Related to Cognitive Functioning in Chronic Stroke Patients
Adrià Bermudo-Gallaguet, Mar Ariza, Daniela Agudelo, Neus Camins-Vila, Michelle de Groot, Rosalia Dacosta-Aguayo, Maria Boldó, Pere Carrasco, Ma José Durá Mata, Maria Mataró

37. Cognitive Reserve and its Relationship to Cognitive Functioning in a Chronic Stroke Sample
Philippa Watson, Andrea Kusec, Méadhbh Brosnan, Elise Milosevich, Chloe Carrick, Evangeline G Chiu, Nele Demeyere

38. Recovery of Cognitive Functioning Following Aneurysmal and Angiographically Negative Subarachnoid Hemorrhage
Sara Khosdelazad, Lieke S. Jorna, Sandra E. Rakers, Ralf Koffijberg, Rob J.M. Groen, Anne M. Buunk, Jacoba M. Spiikman

39. Delineating a Cognitive Phenotype of Chronic Post-Stroke Fatigue
Chloe Carrick, Andrea Kusec, Elise Milosevich, Pippa Watson, Evangeline Grace Chiu, Nele Demeyere

40. Applying Artificial Neural Networks on Diagnosis Using Neuropsychological data from a Brief Clinical Protocol.
Vilajosana-Chertó Enric, Rivera-Àvila Neus, Sánchez-Benavides Gonzalo, Perdrix Dúñia, Cabrera-Bean Margarita

41. Comparing Apparent Diffusion Coefficients and Cognitive Outcomes in Children with Cardioembolic Stroke
Maria Vu, Kirstin Walker, Nomazulu Dlamini

42. Relationship between nonverbal Intelligence and Distorted Thoughts towards Women in IPV perpetrators
Noelia Pérez Cámara, Agar Marín Morales, Natalia Hidalgo Ruzzante, Natalia Bueso Izquierdo, María Pérez González, Juan Verdejo Román, Inmaculada Teva Álvarez, Sofía Amaoui, Miguel Pérez García

43. Silent Scars: Neuropsychological and Functional Consequences of Intimate Partner Violence
Nathalia Quiroz-Molinares, Moises Mebarak-Chams, Carlos Jose De los Reyes Aragon

44. My Brain Made Me Do It: Exploring The Potential Involvement Of Head Injuries In Subsequent Criminal Behaviour
Ashok Jansari, Victoria Jefferies, Pietro Manzella

45. Comparing Failure Base Rates on the TOMM-1 and Rey-15 in Romanian and Canadian Disability Applicants
Iulia Crisan, Laszlo Erdodi

46. Does the SIMS Measure Feigned Symptomatology? Data from PTSD Patients in Israel
Odelia Elkana, Alon Sigman, Gal Eldar, Yotam Shchori, Yoram Ben-Yehuda, Dan Segev, Baruch Ponorovsky

47. Validity Performance in AULA Nesplora Test
Fidel Rebon, Iñigo Altuna, Amaya Lobo, Elena Salillas, Gema Climent

48. Effects of social security benefits in a performance validity test: clinical population results
Filomena Gomes, Alexandra Gonçalves, Claudia Pinto, Eduarda Almeida, Inês Ferreira, Sara Cavaco
Detailed Programme

17:30-18:30h AXA Auditorium - **PLENARY KEYNOTE** Adam Brickman “Alzheimer’s disease or Alzheimer’s diseases? Contemporary classification and the role of white matter abnormalities”
  Chair: Melissa Lamar

18:30-19:30h AXA Auditorium - **AWARDS & CLOSING CEREMONY PAPERS AND POSTERS AWARDS CEREMONY**
  Chair: Natalia Ojeda
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