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**Abstracts Presented at the International Neuropsychological Society, the Swiss Neuropsychological Society (SVNP) and the German Neuropsychological Society (GNP) Meeting Zurich**  
 July 26-30, 2006  
 Zurich, Switzerland

**WEDNESDAY, JULY 26, 2006**

**3:00-4:30 PM**

**Symposium 1**

**Using Neuropsychological, qEEG and SPECT Data to Direct Pharmacological and Neurosurgical Treatment in Refractory Psychiatric Disorders**

**Chair: Angelos Halaris**

*Room: 55*

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|----|--------------|--|
| 1. | PRIMEAU, M   | Neuropsychological Evaluation as a Means to Direct Psychiatric Intervention.   |
| 2. | KONOPKA, L   | Functional Neuroimaging, qEEG and SPECT, as a Means to Direct Psychiatric Intervention.  |
| 3. | POPRAWSKI, T | Psychopharmacological Intervention Based on Neurological Investigations.   |
| 4. | ANDERSON, D  | Future Directions in Neurosurgical Intervention, Vagal Nerve Stimulation and Deep Brain Stimulation, for Psychiatric Patients. |

**3:00 – 4:30 PM**

**Symposium 2**

**Clinical Rehabilitation Research: Challenges and Guidelines.**

**Host: Ronald Ruff**

*Room: 30*

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|----|----------|---|
| 1. | RUFF, R  | Methodological Challenges in Rehabilitation Research and Potential Solutions. |
| 2. | SPINA, L | Outcome Measurement: Secondary and Tertiary Levels of Generalization.         |

**3:00 – 4:30 PM**

**Paper Session 1: Attention**

**Chair: Peter Brugger**

*Room: 40*

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|----|-------------------|---|
| 1. | HEBER, IA         | Differential Effects of Low Arousal on Overt and Covert Orienting in Virtual Space.   |
| 2. | CHAN, RCK         | Multitasking Performance in Patients with Neurological Disorders: A Study of Three Sets of Ecologically Valid Tests.              |
| 3. | ROSSMUELLER, J    | Combined Electrophysiological Stimulation and Visual-Exploration Therapy in Unilateral Spatial Neglect: Therapeutic Implications. |
| 4. | REPPERMUND, S     | HPA System and Cognitive Functions in Depression: Is there a Relationship?  |
| 5. | FLAHERTY-CRAIG, C | Disruptions in Cognition and Personality in Adult-Onset Myotonic Dystrophy Type-1.  |

**3:00 – 4:30 PM****Paper Session 2: Memory I****Chair: Katharina Henke***Room 60*

1. EDGINTON, T Retrograde Affective Memory Loss: An Investigation of a Non-Selective Emotional Autobiographical Memory Impairment Post-Right Temporal Lobe Craniotomy.
2. KLAAS, P Faces and Spaces: An Examination of Memory for Faces and Spatial Locations in Patients Undergoing Anterior Temporal Lobectomy.
3. MIYAHARA, M Metamemory, Ageing, and Dementia of Alzheimer Type.
4. NAIR, RD A Comparison of the Effectiveness of Two Types of Cognitive Rehabilitation Strategies for Memory Deficits Following Brain Damage: A Single Blind, Randomised Control Trial.
5. CHEUNG, MC Pre-Activating the Mesial Temporal Lobe Facilitates Learning.

**5:00 – 6:30 pm****SYMPOSIUM 3****Neuropsychology and Neurobiology of Schizophrenia****Host: Kristina Fast***Room: 30*

1. HARALANOVA, ES Interactions Between Affect and Cognition in Paranoid Schizophrenia: The Role of Psychosis.
2. DAUMANN, J Deficient Inhibition of Return (IOR) in Unmedicated Patients with Schizophrenia, but not in Patients in Risk for Psychosis.
3. QUEDNOW, B Neuropsychological and Electrophysiological Risk Indicators in Presumed Prodromal Stages of Schizophrenia.
4. KARCH, S Integration of Temporal and Spatial Aspects of Attentional Processes in Schizophrenic Patients.
5. FINKE, K Parameter-Based Assessment of Attentional Components in Schizophrenic Patients.

**5:00 – 6:30 pm****SYMPOSIUM 4****Neuropsychology of “Paranormal Belief”****Host: Peter Brugger***Room: 55*

1. PARK, S Syndromes of Schizotypy and the Dopamine System.
2. FOLLEY, B Right Hemisphere Creativity: Modulation by Paranormal Belief.
3. MOHR, C Hemispatial Attention and Magical Ideation.

**5:00 – 6:30 PM****PAPER SESSION 3: Developmental Neuropsychology****Chair: Paula Tallal***Room: 40*

1. OTTO-MORRIS, C Neuropsychological Outcome of a Northern German Cohort with Very and Extremely Low Birth Weight at Primary School Level.
2. CHAN, AS Mind-Body Exercise Program Improved the Behavior and Memory in Children.
3. TALBOT, E Encephalitis in Childhood: Specific Patterns of Impairment and their Implications for Service Provision and Rehabilitation Pathways.
4. DOB, R Effects of Post Traumatic Stress Symptomatology on Information Processing of Children with Traumatic Brain Injury.

**5:00 – 6:30 PM**

**PAPER SESSION 4: Aging**

**Chair: Siegfried Gauggel**

*Room: 60*

1. HASENSTAB, J      Problems in Glucose Regulation, Short of Diabetes, are Associated with Decreased Verbal Memory Performance in Normal Middle-Aged Adults.
2. STAMENOVA, V      Pantomime and Imitation of Transitive and Intransitive Gestures in Corticobasal Degeneration.
3. KUNZ, M      Pain Experience in Demented Patients: Experimental Evidence.
4. MEISTER, F      Episodic Memory and Active Suppression: The Effects of Aging on the Neuropsychological Functioning of Control Processes.

## THURSDAY, JULY 27, 2006

**9:00-12:30 am**

**POSTER SESSION A**

- A-01. LONG, B Factors Involved in Memory Impairment in Depression.
- A-02. ZAI-TING, Y False Memory in Clinical Depression.
- A-03. BALCONI, M A Comparative Analysis between Event-Related Oscillations and Event-Related Potentials in Emotional Face Recognition.
- A-04. CANDIDO DE OLIVEIRA, CC Autobiographic and Semantic Memory of a Group of Brazilian Adolescents and Drug Users.
- A-05. CONROY, M Effects of Narcotic Analgesics on Learning & Memory Following Trauma: Implications for Assessment of Post-traumatic Amnesia and Rehabilitation.
- A-06. STAUB, C Rehabilitation of Procedural Memory in Patients with Obstructive Sleep Apnea Syndrome.
- A-07. STAUB, C Probability Guessing in Healthy Persons and Patients with Brain Damage: Guessing, Searching or Statistical Knowledge?
- A-08. LERMER, R A Neurofunctional Study Concerning Cognitive Performances in Policemen with and without Trauma.
- A-09. NAKAGAWA, Y Amnesia Following Focal Lesion of the Right Substantia Innominata and Stria Terminalis.
- A-10. SEIWALD, D Evaluating Individual Medial Temporal Lobe Function with fMRI Using a Face-Name Encoding Paradigm.
- A-11. SILVA, M L Preserved Memory Skills and their Potential Use in Rehabilitation.
- A-12. MORALES, M Speed Processing and Memory Impairment.
- A-13. SAUR, R Development of a New Famous Events Test for Exploring Episodic Memory in Patients with Dementia.
- A-14. FISH, J Further Investigations into the NeuroPage System for Memory and Planning Disorders.
- A-15. WATERSTON, L The Relationship of Temporal Lobe Abnormality to Verbal Fluency, Verbal Passage Recall and Face Recognition Memory.
- A-16. PENNER, IK BrainStim - a Recently Developed Tool to Train Different Aspects of Working Memory and to Induce Behavioural and Functional Alterations in the CNS.
- A-17. GUTBROD, K Decision-Making in Amnesia: Do Advantageous Decisions Require Conscious Knowledge of Previous Behavioural Choices?
- A-18. GUTBROD, K Memory Outcome after Temporal Lobe Surgery for Epilepsy.
- A-19. SCHNIDER, NM Cathodal tDCS over Left Supramarginal Gyrus Blocks Pitch-Memory Performance.
- A-20. INOZEMTSEVA, O Long-term Glucocorticoid Treatment can Alter Declarative and Working Verbal Memory in Congenital Adrenal Hyperplasia (CAH) Patients.
- A-21. SILBERG, T What Defines "Target" Versus "Context" Information?
- A-22. BIVETTI, AT Show Me the Way! Examination of Visual Spatial Memory.
- A-23. SAUTTER, S A Brain Fitness Telehealth Memory Clinic.
- A-24. SCHWEINBERGER, SR Hearing Facial Identities: Audiovisual Integration in the Recognition of Familiar People.
- A-25. CHELUNE, GJ Memory Profiles Among Patients with Relapsing Remitting Multiple Sclerosis.
- A-26. LOPEZ-ROLON, AR The Recall of Proper and Common Names as well as Numbers by Unilateral Temporal Lobe Patients.
- A-27. MARYNIAK, A Deficits of Emotional and Social Functioning in Children with a Cerebellar Lesion.
- A-28. ARANGO, JC The Usefulness of the Generation Effect to Improve Memory and Learning in Hispanics.
- A-29. HAMILTON, L The Association between Depression and Executive Functioning in a Group of Patients with Multiple Sclerosis, Relapsing Remitting Type.
- A-30. HAID, T Normative Data for Diagnosing Visual Neglect with a New Screening-Test: Cats Test.
- A-31. ROIG ROVIRA, T Attention and Information Processing in Moderate and Severe Traumatic Brain Injury.
- A-32. GARCÍA MOLINA, A Decision-Making Impairment in Moderate-Severe Traumatic Brain Injured Patients.
- A-33. GARCÍA MOLINA, A Reality Orientation Therapy Group: a Pilot Study of Posttraumatic Amnesia Rehabilitation Following Severe TBI.
- A-34. LIDZBA, K Cerebellar Activation in Right-Hemispheric Language Dominance Following Early Left-Sided Brain Lesions.
- A-35. HAUER, B On the Economy and Effectiveness of Prism Adaptation as Therapy for Unilateral Neglect.
- A-36. SCHWEIZER, TA Isolating Information Processing Impairments in Patients with Mild and Severe Traumatic Brain Injury.
- A-37. SERRONE, V Recognition of Emotional Facial Expression in Acute Stroke Patients with Unilateral Lesion.
- A-38. HUANG, SJ One-Month Quality of Life in Patients with Mild Traumatic Brain Injury: The Role of Dizziness.
- A-39. COCKBURN, J Identifying Cognitive Impairment after First Minor Stroke.
- A-40. FORMAN, A Adult Onset Familial Normal Pressure Hydrocephalus: Neuropsychological Profile of Monozygotic Twins.
- A-41. FISHER, F Efficient and Informative Measurement of Somatosensory Abnormality Following Stroke: Direct Scaling of Punctate Pressure.
- A-42. GIOGKARAKI, E The Stroop Effect in Subtypes of Multiple Sclerosis

**1:00-2:30 PM**

**SYMPOSIUM 5**

**The Multifaceted Means of Emotional Expression**

**Host: Sonja A. Kotz & Dorothea Weniger**

*Room: 55*

1. KOTZ, S A Representation and Processing of Emotional Prosody: Neuroimaging and Patient Evidence.
2. PELL, M D Deficits in the Vocal Communication of Emotion Following Brain Damage.
3. VUILLEUMIER, P Emotional Regulation of Perception and Action.
4. MEYER, M To What Extent does "Emotional Prosody" Reflect Emotional Involvement?
5. CALDER, AJ Behavioural and Neurophysiological Evidence for Separable Coding of Gaze Direction in Humans.

**1:00-2:30 PM**

**SYMPOSIUM 6**

**Neurocognitive Functions and Endophenotypes in Neuropsychiatric Disorders**

**Host: Burkard Wiebel**

*Room: 30*

1. REISCHIES, FM The Concept of Endophenotypes of Neuropsychiatric Diseases - Data and Models.
2. LIS, S Do N-back Deficits Represent Working Memory Dysfunction in Schizophrenic Patients?
3. THOMA, P Do Specific Profiles of Executive Dysfunction Exist in Schizophrenia with or without Comorbid Substance use Disorder, Alcoholism and Depression?
4. BRAND, A Potential Endophenotypes in Schizophrenia: Executive Functioning and Early Visual Processing.
5. UEKERMANN, J Executive Processes and Theory of Mind in Alcoholism.

**1:00-2:30 PM**

**PAPER SESSION 5: Memory II**

**Chair: Michael Kopelman**

*Room: 40*

1. EMSLIE, H Can School Age Children use a Paging System to Reduce Everyday Memory and Planning Problems?
2. GRYSCHOK, NS A Neurocognitive Study on Associative Learning in Patients with Posttraumatic Stress Disorder.
3. BRUDER, J False Memories of Emotional and Neutral Words.
4. DEWAR, B-K Can People with Semantic Memory Deficits Re-learn Information?
5. RHEIN, Z The Effect of Sequence Complexity in the Serial Reaction Time (SRT) on Learning Rate and Transfer.
6. BAR-DAVID, O What is Really Learned in Sequence Learning?

**1:00-2:30 PM****PAPER SESSION 6: Dementia****Chair: Andreas Monsch/Nancy Foldi**

Room: 60

1. FAST, K                    Assessing Storage and Retrieval Deficits in Patients with Mild Cognitive Impairment (MCI) and Healthy Elderly: A Multinomial Model vs. Neuropsychological Assessment.
2. LUEKEN, U                Development of a Short Version of the German Apathy Evaluation Scale (AES-D) Specifically Adapted for Demented Nursing Home Residents.
3. BUBLAK, P                Top-Down-Control and Spatial Attention in Mild Cognitive Impairment and Alzheimer's Disease: Parametric Assessment Based on a Theory of Visual Attention (TVA).
4. REDEL, P                 Perceptual Processing Speed and Visual Working Memory Storage Capacity in Mild Cognitive Impairment and Alzheimer's Disease: Parametric Assessment Based on a Theory of Visual Attention (TVA).

**3:00-4:30 PM****SYMPOSIUM 7****Neuropsychological Rehabilitation in Dementia and Mild Cognitive Impairment: Harnessing the Potential for Plasticity and Behaviour Change****Host: Linda Clare***Room: 55*

1. CROSSLEY, M             Maximizing Memory Facilitation in Normal Aging and in Early -Stage Dementia.
2. CLARE, L                 Individualised, Goal-Oriented Cognitive Rehabilitation in Early-Stage Alzheimer's Disease: Impact on Brain Activation, Task Performance and Well-Being.
3. KINSELLA, G             Reducing the Impact of Everyday Memory Failures: A Memory Group Intervention for Mild Cognitive Impairment.
4. WERHEID, K             The Selection of Individualized Therapy Goals for Cognitive Rehabilitation in Mild Cognitive Impairment and Early -Stage Alzheimer's Disease.
5. ROMERO, B.             The Impact of a Short-Term Multicomponent Residential Treatment Programme on Neuropsychiatric Symptoms in Persons with Dementia.

**3:00-4:30 PM****SYMPOSIUM 8****Vision Restoration Therapy****Host: Bernhard Sabel***Room: 30*

1. JOBKE, S                 Activating Blind Fields in Hemianopics with a Massive Moving Stimulus Enhances Visual Field Enlargements after Vision Restoration Therapy (VRT).
2. GUDLIN, J                Vision Restoration Therapy (VRT) in Glaucoma – A Small Open Study.
3. MAST, H                 Vision Restoration Therapy vs. Exploration Training in Patients with Visual Field Loss.
4. ROMANO, J                Visual Field Deficits Improve after Vision Restoration Therapy (VRT): Experiences with a US Patient Population.

**3:00-4:30 PM**

**PAPER SESSION 7 : Brain Imaging I**

**Chair: Robert Fletcher**

*Room: 40*

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|----|--------------|---|
| 1. | SUSLOW, T    | Brain Activation to Emotional facial Expression as a Function of Coping Style: A 3 T fMRI study.                              |
| 2. | SKRANDIES, W | Neural Plasticity Induced by Human Perceptual Learning – Sensory Thresholds and Neurophysiological Correlates.                |
| 3. | HELDMANN, M  | Activation of the Anterior Cingulate Gyrus and Associated Subcortical Regions During Feedback Related Performance Monitoring. |
| 4. | ZÖLLIG, J    | Neural Correlates of Prospective Memory Across the Lifespan.  |
| 5. | WOOD, G      | Numerical Procedures and Number Representations: A Parametric fMRI Study with the Number Bisection Task.                      |
| 6. | LUX, S       | Neural Correlates of Recognition for When and Where Autobiographical Events Took Place.                                       |

**3:00-4:30 PM**

**PAPER SESSION 8 : Language Disorders and Aphasia**

**Chair: Dorothea Weniger**

*Room: 60*

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|----|----------------|---|
| 1. | LINDELL, AK    | Priming vs Rhyming: Orthographic and Phonological Activation in the Left and Right Hemispheres.   |
| 2. | LAUSBERG, H    | Left-Hand Preference for Co-Speech Gestures in Patients with Complete Callosal Disconnection.   |
| 3. | ROSSMUELLER, J | Comprehensive Screening of Limb Praxis Functions in Stroke Patients: Construction and Preliminary Standardisation of the Duesseldorfer Apraxia Test (DAXT). |
| 4. | PROIOS, H      | Development and Validation of the Aachen Aphasia Test in the Hellenic Language.   |
| 5. | LAUTERBACH, M  | Adapting the Aachen Aphasia Test (AAT) to the Portuguese Language: Normative Data for Patients with Aphasia and Healthy Controls.                           |
| 6. | MEINZER, M     | Behavioral- and Neuroplasticity in Chronic Aphasia.   |

**1:00-4:30 PM**

**POSTER SESSION B**

- |       |               |   |
|-------|---------------|---|
| B-01. | PAUKE, M      | Neuropsychological Profile in Adults with Attention-Deficit Hyperactivity Disorder.   |
| B-03. | ZADINA, JN    | Corpus Callosum and Dyslexia: Reduced Genu and Impaired Reading.  |
| B-04. | KARPATHIU, C  | Diagnosis of Dyslexia through Neuro-Psychological Data by using EEG.  |
| B-05. | KARPATHIU, C  | Treatment of Dyslexia.  |
| B-06. | OTSUKI, M     | Callosal Stuttering: The Symptoms and the Lesions.  |
| B-07. | SAITO, K      | Sign Language Aphasia Due to Left Occipital Lesion in a Deaf Signer.  |
| B-08. | RÜSSELER, J   | Mental Rotation is Deficient in Dyslexic Children: Evidence from Non-Speeded Tests.   |
| B-09. | SANTOS, A     | Pitch Discrimination Deficits in Dyslexic Children: Behavioural and Auditory ERP Evidence for Brain Plasticity.   |
| B-10. | JONSDOTTIR, S | Relationships Between Neuropsychological Measures of Attention/Executive Function and Behavioural Measures of ADHD Symptoms and Comorbid Behaviour.         |
| B-11. | JONSDOTTIR, S | Gender Differences in Symptoms of ADHD and Associated Factors in Normal Icelandic Children as Rated by Parents and Teachers.                                |
| B-12. | DRECHSLER, R  | Decision-Making on an Explicit Risk-Taking Task by Younger School-Children with Attention Deficit/Hyperactivity Disorder (ADHD) and Controls.               |
| B-13. | SZYMASZEK, A  | Temporal Training in Aphasia Therapy.   |
| B-14. | WALTHER, D    | Homeopathic Treatment of Children with Attention Deficit Hyperactivity Disorder: Results of a Randomised, Double Blind, Placebo Controlled Crossover Trial. |
| B-16. | HAID, T       | Normative Data for Clinical Testing of Handwriting Speed: Haid-Bonatti 1-20 Test Revised (HABO 1-20-r).   |
| B-17. | REINVAL, O    | Inhibition and Selective Attention in Children with ADHD.   |
| B-18. | NYMAN, A      | Elements of Working Memory in Children with Attention-Deficit/ Hyperactivity Disorder.  |
| B-19. | OSIURAK, F    | Impact of the Ergonomic Shape of Objects in Tool Utilisation. A study in Patients with Inability to Conventionally Use Objects.                             |

- B-20. ROSSMUELLER, J Combined Electrophysiological Stimulation and Visual-Exploration Therapy in Unilateral Spatial Neglect: Therapeutic Implications.
- B-21. DE SMET, HJ Speech Characteristics after Cerebellar Mutism: A Critical Review.
- B-22. KUCIAN, K Impaired Neural Networks for Number Magnitude in Dyscalculic Children.
- B-23. ROTZER, S Optimized Voxel-Based Morphometry in Dyscalculic and Normally Achieving Children.
- B-24. SCHWARZ, E Auditory Perception Training in Children with Attention Deficit Hyperactivity Disorder (ADHD).
- B-25. STEMMER, B Cognitive Impairment in Stroke and TBI Patients and Effects on Quality of Life and Employment Status.
- B-26. MEDRANO, AP The Effects of the Spanish Orthographic System on Reading and Spelling in Reading Disabled Children.
- B-27. MEINZER, M Selective Recovery of Language Functions in a Former Bilingual Aphasic Patient – an fMRI-Study.
- B-28. BÜRGI, S The Processing of Homonymy: What Makes the Two Hemispheres Differ?
- B-29. KEISKER, B The Cerebral Reorganization of Language after Damage: At the Crossroads of Neuroimaging and Cognition.
- B-30. BUCHER, K Reading & Visual Motion Processing in the Occipito-Temporal Cortex.
- B-32. AGUILAR ISAÍAS, YA Neuropsychological Profiles of Mexican and German Children with Developmental Dyslexia.
- B-33. BORMANN, T Errors of Omission and Semantic Errors in Aphasic Naming: Is there a Common Basis?
- B-34. DI PIETRO, M A Study on the Specificity of Computer-Assisted Treatment for Anomia.
- B-35. YANG, B A Meta-Analysis of Association Between the DAT Gene and ADHD.
- B-36. KNELS, C A Case for Fractionation of Semantic Dementia.
- B-37. BRADLEY, NL The Use of Environment- vs. Body- Relative Cues in the Production of Meaningless Gestures Following Unilateral Stroke.
- B-38. MARTÍN ARAGONESES, MT Neuropsychological Assessment of Nonthalamic Subcortical Aphasia: Two Case Reports.
- B-39. ESPARZA, P Examining Visual Attention Deficits in Children Diagnosed with Dyslexia.
- B-41. VUKOVIC, M Early Warning Signs of Language Deficits in Patients with Temporal Lobe Lesion.
- B-43. PROIOS, H Random Number Generation in Aphasic Patients: A Test of Executive Functions.
- B-44. HEATH, RL Aesthetic Preferences among Arabic Reading Subjects.
- B-45. HU, Z Developmental Pattern of Social Attribution Ability in Healthy Han Chinese School-Aged Children.
- B-46. VAN ITERSÓN, L Different Rates of Directional VIQ - PIQ Discrepancies in Special Education Samples: Below Average IQ, Learning Disabilities, Childhood Psychiatry, and Childhood Epilepsy.
- B-47. VUKSANOVIC, J Nonverbal Memory Abilities in Children with Idiopathic Partial Epilepsy.
- B-49. RIZZO, P The Self-Rating Scale of Executive Functions (SEF) for Children Aged 8- to 10-years.
- B-50. GIGER, E “Short-term” Neuropsychological Interventions on Children and Adolescents with Attention Deficit Hyperactivity Disorder (ADHD) and Learning Disabilities.
- B-51. GRACIA-BAFALLUY, M Intervention Program on Finger Discrimination in Normal Children.
- B-52. ZOTTER, S Functional Neuroplasticity in Congenital Brain Lesions with Secondary Epilepsy: Two Neuropsychological Case Studies.
- B-53. BEAUCHEMIN, M Four-Month-Old Babies Recognize Their Mother’s Voice.
- B-54. FLORES LÁZARO, JC Development of Neuropsychological Performance for some Measures of Orbital and Medial Prefrontal Cortex Function in Children.
- B-55. LORUSSO, ML Effects of Visual-Spatial Attentional Training in Developmental Dyslexia.
- B-57. NAVA, G Treatment of a Child with Hemineglect.
- B-59. VON BUEREN JARCHOW, A Multi-Modality Matters in Rhythm Perception.
- B-60. KAUFMANN, L Gender Differences in Basic Numerical Skills.



**FRIDAY, JULY 28, 2006**

**9:00 - 9:45 AM**

**PAPER SESSION 9a : Clinical Neuropsychology**

**Chair : Marianne Regard**

*Room : 40*

1. VASKINN, A Learning Potential in Schizophrenia Measured by Standard CVLT-II.
2. BATEMAN, A Assessing Sub-Scale Construct Validity of the European Brain Injury Questionnaire (EBIQ) using Rasch Analysis.
3. CYSIQUE, L No Neuropsychological Effects of Incident Major Depression in HIV-Infected Men.

**9:00 - 9:45 AM**

**PAPER SESSION 10a: Attention and Executive Function**

**Chair: Bernhard Sabel**

*Room: 60*

1. BECK, L Comparison of Two Computerized Attention Tests in a Sample of Brain Damaged Patients.
2. HEIDINGER, C Deficit-Oriented Assessment and Intervention: About the Necessity for the Theory-Based Correspondence Between Psychological Tests and Cognitive Training Programs by the Example of Dimensions of Attention.
3. PTAK, R Oculomotor Capture by Remote Distracters in Spatial Neglect.

**10:15 - 11:00 AM**

**PAPER SESSION 9b: Clinical Neuropsychology**

**Chair: Marianne Regard**

*Room: 40*

1. BERALDI, A Neuropsychological Anomalies and Neurofunctional Results in Patients with Borderline Personality Disorder.
2. MAUCIERI, L The Comorbidity and Synergy of Head Trauma and Psychiatric Illness.
3. TONKS, J Are Cognitive Deficits and Emotion Processing Deficits Dissociable Following Paediatric Brain Injury? A Case Series.

**10:15 - 11:00 AM**

**PAPER SESSION 10b: Attention and Executive Function**

**Chair: Valentine Marcar**

*Room: 60*

1. FISH, J Modulation of Executive Functioning in Acquired Brain Injury.
2. MRAKOTSKY, C Impact of Corticosteroids and Inflammation on Memory and Executive Functions in Pediatric Inflammatory Bowel Disease.
3. MONTEVERDI, S Attention Allocation and Working Memory Effort in Dual-Task Paradigm After Severe TBI.

**9:00 AM - 12:30 PM POSTER SESSION C**

- C-01. MÜLLER, SV Occupational Neuropsychology: A New Field of Intervention?
- C-02. TAN, J Psychometric Investigation of the Modified Scales of Independent Behavior-Revised for Use in an Elderly Population.
- C-03. SÜRER, F A New Computerised Version of the Tower of Hanoi on a Tablet PC.
- C-04. BILLINO, J Cognitive Estimation in Patients with Subcortical Vascular Dementia.
- C-05. SCHOLLES, A Neuropsychiatry: A Developmental Perspective.
- C-08. ISOMURA, A Phenotype of Parkinson's Disease: Association Between Cerebral Blood Flow Measured by Single Photon Emission Computerized Tomography (SPECT) and Neuropsychological Performance.
- C-10. TRINIDAD-OLIVERO, L A Constructivist Neuropsychological Rehabilitation Model for Dyslexia.
- C-11. JÄGER, T Cognitive Development at the Frontier of Functioning: A Longitudinal Analysis from the Heidelberg Centenarian Study.
- C-12. MARCAR, VL The Visual Evoked Potential Reflects the Neuronal Recruitment Involved in the Processing of Luminance and Contrast by the Human Visual System.
- C-13. FERNÁNDEZ GUINEA, S Attentional Control Problems in Early Stages of Alzheimer's Disease.
- C-14. BIER, N Known, Lost, and Recovered: Efficacy of Formal-Semantic Therapy and Spaced Retrieval Method in a Patient with Semantic Dementia.
- C-15. JARCHOW, T Adaptation and Motion Sickness Susceptibility.
- C-17. GALTIER, I Coping and Depression in Nondemented Parkinson's Disease Patients.
- C-18. CORREIA, R Differential Impairment Across Letter-Based, Semantic and Action Verbal Fluency Tasks in Normal Aging.
- C-19. BARROSO, J Confrontation Naming Decline in Normal Aging: Verbs Versus Nouns Naming.
- C-20. SCHMID, R Effects of a Weekly Memory-Training on Patients Diagnosed with Dementia or Mild Cognitive Impairment.
- C-21. ZAMARIAN, L Direct and Indirect Retrieval of Multiplication Facts in Mild Cognitive Impairment and Healthy Elderly.
- C-22. SCHWARZ, M Side-Specific Intraindividual Differences of Deep Brain Stimulation of the Subthalamic Nucleus on Cognitive Performance.
- C-23. RIOS-LAGO, M Attentional Control and Speed of Information Processing: Differences in TBI and Normal Ageing.
- C-24. MORENO MARTÍNEZ, FJ Category Deficits in Alzheimer's Disease: An Exaggeration of Item Difficulty or an Influence of Intrinsic Variables?
- C-25. SINZ, H Decision Making in Mild Alzheimer's Disease.
- C-26. ROGERS, S The Underlying Mechanisms of Semantic Memory Loss in Alzheimer's Disease and Semantic Dementia.
- C-28. FERNÁNDEZ GUINEA, S Anxiety and Depression Symptoms Decrease After a Strategies Training Program to Improve Memory.
- C-29. BERARDI, A Age-Related Differences in Visual Perception and Mental Imagery.
- C-30. RIEFFEL, N Progression of Executive Dysfunction from Minimal to Mild Alzheimer's Disease.
- C-31. SAN MIGUEL-MONTES, L Executive Performance of Hispanics with Idiopathic Parkinson Disease: WCST -Computer Version.
- C-35. PAELECKE-HABERMANN, Y Depression and Cognition in Parkinson's Disease.
- C-36. GREENFIELD, E Cognitive-Motor Dual Tasking in Alzheimer's Disease.
- C-37. VAN PAASSCHEN, J A Paradigm to Explore Memory-Related Networks in Alzheimer's Disease through fMRI.
- C-38. NACK-CHEON, C 18F-FDG PET Findings in Corticobasal Degeneration: An SPM Analysis.
- C-40. KOZORA, E Cognitive Functions in Depressed Systemic Lupus Erythematosus Patients.
- C-41. BAUMGARTNER, T The Emotional Power of Music: How Music Enhances the Feeling of Affective Pictures.
- C-42. BAUMGARTNER, T The Neural Correlate of Spatial Presence in an Arousing and Non-Interactive Virtual Reality: An EEG and Psychophysiology Study.
- C-43. BAUMGARTNER, T Multisensory Processing of Congruently and Incongruently Presented Emotional Facial and Music Stimuli: An EEG and Psychophysiology Study.
- C-44. SPECK, D Spatial Presence and Emotional Anticipation in a Mediated Environment.
- C-45. ZAEHLE, T The Neural Basis of the Egocentric and Allocentric Spatial Frame of Reference.
- C-46. ZAEHLE, T Spectro-Temporal Processing During Speech Perception.
- C-47. SHARPLES, K Traumatic Brain Injury, Psycho-Social Adjustment and the Construction of Identity: A Discursive Approach.
- C-48. KOENEKE, S Use-Dependent Changes in Premotor Cortex Activation: When Adults Start Taking Piano Lessons.

**1:00 – 2:30 PM****SYMPOSIUM 9****Neural and Behavioral Plasticity in Spina Bifida Meningomyelocele****Host: Jack M. Fletcher***Room: 30*

1. DENNIS, M Age Based Functional Plasticity after Congenital Lesions of the Midbrain and Cerebellum.
2. FLETCHER, JM Quantitative Neuroimaging Studies of Children with Spina Bifida.
3. HANNAY, HJ Plasticity of Cerebral Commissures and the Development of Other Pathways in Response to Partial Agenesis of the Corpus Callosum.
4. SARKARI, S Transcallosal Connectivity during Touch Perception in Children with Spina Bifida.

**1:00 – 2:30 PM****SYMPOSIUM 10****Interdisciplinary Team Work and Socially Meaningful Neuropsychological Rehabilitation****Host: Fergus Gracey & Andrew Bate man***Room: 55*

1. GRACEY, F “There was a Big Meeting ... and then Everybody Seemed to Pull Together”: Clinical Difficulty, Team Functioning and the Role of Interdisciplinary Formulation.
2. OWNSWORTH, T A Randomised Controlled Trial of Metacognitive Contextual Interventions for Facilitating Goal Attainment Following Acquired Brain Injury.
3. SCHÖNBERGER, M The Development of the Therapeutic Working Alliance, Patients’ Awareness and their Compliance During the Process of Brain Injury Rehabilitation.
4. YATES, P Implementing an Integrated Rehabilitation Pathway in a Sub-Acute Neuro-Rehabilitation Service: Team Process and Initial Outcomes.

**1:00 – 2:30 PM****PAPER SESSION 11: Brain Imaging II****Chair: Stephanie Clarke***Room: 40*

1. THIMM, M Neural Recovery from Acute and Chronic Spatial Neglect.
2. FRYE, RE Consonant-Vowel Syllables Induce Multiple Resonant Cortical Interactions.
3. TAYLOR, HG Reduced Brain Volumes in Adolescents with Very Low Birth Weight: Preliminary Findings.
4. FOSTER, JK Longitudinal Quantitative MRI R2 Relaxometry in Elderly Participants Reporting Memory Loss: A Useful Tool for the Monitoring of Dementia Onset?
5. CROSSLEY, M Thirty Years Post Right- vs Left-Sided Hemispherectomy: Evidence for Brain Plasticity and Human Resilience.
6. WU, JS Subjective Memory Complaint Accompanies Cerebral Glucose Metabolic (FDG-PET) Changes in Apolipoprotein e4 Gene Carriers.

**1:00 – 2:30 PM**

**PAPER SESSION 12: Neurology and Cognition**

**Chair: Marianne Regard**

*Room: 60*

1. KANE, R Sensitivity of the Automated Neuropsychological Assessment Metrics (ANAM) System for Assessing Cognitive Changes in Parkinson's Disease.
2. FIMM, B The Influence of Deep Brain Stimulation of the Subthalamic Nucleus on Attentional Functions.
3. MATTINGLY, M Motor Skill Improvement in Parkinson's Disease with GDNF Infusion.
4. BOYER, K Improved Neuropsychological Function Following Resection of Hypothalamic Hamartoma: 3 Case Studies.
5. KÖYLÜ, B Semantic Activation in Temporal Lobe Epilepsy - an fMRI Study.
6. EVANS, JJ The Contribution of Seizures to Deficits in Long-Term Memory Consolidation – Evidence from a Novel Diary-Based Procedure.

**3:00 – 4:30 PM**

**SYMPOSIUM 11**

**Mild Head Injury in Childhood: Controversies and Conundrums**

**Host: Keith Owen Yeates & Vicki Anderson**

*Room: 30*

1. TAYLOR, HG Post-Concussive Symptoms in Children with Mild Head Injury.
2. MAILLARD-WERMELINGER, A Mild Closed Head Injury and Executive Functions in School-Aged Children.
3. ANDERSON, V Children's Attentional Skills 5 Years Post-Mild TBI.
4. COLLIE, A Comparison of Cognitive Outcome Following Sports-Related Concussion in High-School Age Children and Adults.
5. CROWE, L A Prospective Study of the Effects of Sports Concussion on Cognition in Children and Adolescents.

**3:00 – 4:30 PM**

**SYMPOSIUM 12**

**Variability of Genetic Causes of Cognition Across the Life Span**

**Host: David Roeltgen**

*Room: 55*

1. ROELTGEN, D Genetic Causes of Cognitive Impairment, Variability of Phenotypic Endpoint.
2. ROELTGEN, D Turner Syndrome.
3. ROELTGEN, D Frontal-Temporal Dementia from Chromosome 17 Mutations

**3:00 – 4:30 PM**

**PAPER SESSION 13: Dyslexia and Developmental Disorders**

**Chair: Dorothy Bishop**

*Room: 40*

1. KAUFMANN, L A Broad Examination of Elementary and Complex Number Processing Skills in 9 to 12 Year-old Children with ADHD-C.
2. KAR, B Cognitive Deficits in Children with Dyslexia (A proposal on Electrophysiological Correlates of Remediation in Dyslexia).
3. HOEN, M The Impact of Ear-Level FM Receiver Use by Children with Auditory Processing Disorders and other Learning or Attention Related Disorders, an Overview.
4. MAURER, U Mapping Effects of Development and Dyslexia on the Auditory Mismatch Response.
5. BLACK, LM Neuropsychological Subtyping of Developmental Language Disorders.

**3:00 – 4:30 PM****PAPER SESSION 14: Rehabilitation****Chair: Ron Ruff***Room: 60*

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|----|-------------------|--|
| 1. | BARSKOVA, T       | Rehabilitation after Stroke: Psychometric Properties of the Patient Competency Rating Scale.               |
| 2. | CLAROS-SALINAS, D | Vocational Neurorehabilitation – Therapeutic Approach and Outcomes.  |
| 3. | OLK, B            | Volitional Orienting in Patients with Right-Hemisphere Lesions.  |
| 4. | BOMBIN, I         | Cognitive Rehabilitation Following Acquired Brain Injury: Efficacy and Prognostic Variables.               |
| 5. | PERDICES, M       | Variability of Methodological Quality in Reports of Neuropsychological Interventions: A Cause for Concern. |
| 6. | BERNABEU, J       | Neuropsychological Late Effects and Rehabilitation in Pediatric Oncology.                                  |

**5:00 – 6:30 PM****SYMPOSIUM 13****Fatigue and Sleep after Traumatic Brain Injury****Host: Jennie Ponsford***Room: 55*

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| 1. | PONSFORD, J | The Experience of Fatigue Following Traumatic Brain Injury: Its Measurement and Predictors.                |
| 2. | PARCELL, D  | Self-Reported Changes to Sleep Following TBI.  |
| 3. | ZIINO, C    | The Coping Hypothesis: Is Fatigue following Traumatic Brain Injury Associated with Disorders of Attention? |
| 4. | PARCELL, D  | The Impact of TBI on the Circadian Timing of Sleep and on Sleep Architecture.                              |

**5:00 – 6:30 PM****SYMPOSIUM 14****Cortical Regulation of Impulses and Social Values****Host: Theodor Landis***Room: 30*

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|----|-----------|---|
| 1. | REGARD, M | The Neurology of Impulse Control Disorders. |
| 2. | FEHR, E   | The Neural Basis of Social Norms.           |

**5:00 – 6:30 PM****SYMPOSIUM 15****High Level Cognitive and Social Impairment following Early Brain Insult****Host: Vicki Anderson***Room: 40*

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|----|------------------|--|
| 1. | GOMES, A         | Attentional and Social Outcomes Following Pre-Natal and Acquired Brain Lesions: The Relationship between Attention and Social Functioning.               |
| 2. | SPENCER-SMITH, M | Timing of Brain Insult and the Development of Executive Functions: Are Skills Differentially Affected by Brain Insult at Different Developmental Stages? |
| 3. | LEVIN, H         | ADHD Symptoms Following TBI in Children: Relation to Response Inhibition.  |
| 4. | EREN, S          | Long-term Social Outcome Following Traumatic Brain Injury in Children.   |

**5:00 – 6:30 PM****PAPER SESSION 15: Neuropsychiatry and Schizophrenia****Chair: Robert Bornstein***Room: 60*

1. TAUB, A Neuropsychological Outcome Following Gamma Knife Capsulotomy for Obsessive-Compulsive Disorder: A Pilot Study.
2. CUMMING, P Expression of Normal and Pathological Traits through Dopamine Neurotransmission, as Measured by PET.

**1:00 - 4:30 PM****POSTER SESSION D**

- D-01. LUTZ, K Processing Knowledge of Results in an Interval Reproduction Task.
- D-02. LUTZ, K Perceiving Movement Directions of Multiple Objects: An fMRI Investigation of Highly Skilled Handball Players and Controls.
- D-03. BAUMANN, S The Neuroplastic Enhancement of Auditory Evoked Potentials in Musicians is not an Attention Effect.
- D-05. PICÓ-AZANZA, N Integrated Psychological Therapy in Traumatic Brain Injuries.
- D-07. BÄSS, P Evaluative Judgment in Patients with Lesions of the Orbital Prefrontal and Ventromedial Prefrontal Cortex and Healthy Controls.
- D-09. TURNER, GR Characterizing Alterations in Neural Substrates Subserving Executive Control & Storage/Rehearsal Processes in Working Memory after Diffuse Axonal Injury.
- D-10. RAO, S Behavioral and Emotional Functioning in Patients with Epilepsy Treated with Vagal Nerve Stimulator: A Naturalistic Follow Up Study.
- D-11. WÜTHRICH, A Ambulant Neuropsychological Rehabilitation Following a Mild Traumatic Brain Injury and/or Whiplash Associated Disorder: Neuropsychological-Oriented Psychotherapy, Neuropsychological Training and Art Therapy.
- D-12. WÜTHRICH, A Self-Evaluation of Attention Deficiency of Patients Following Mild Traumatic Brain Injury and / or Whiplash Associated Disorder.
- D-13. RAU, S Method and Effectiveness of Artwork
- D-14. LIMA, I Depression after Mild Traumatic Brain Injury and/or Whiplash Associated Disorder: Artefact or Reality?
- D-16. SUFFIELD, JB Mild Traumatic Brain Injury: Is there a Relation between Pre-Injury Life Stress and Vocational Outcome?
- D-17. SHAVEL-JESSOP, S Intellectual Outcome after Hemispherectomy.
- D-19. EVERTS, R Reorganization of Cognitive Functions after Unilateral Stroke in Childhood - A Functional MRI (fMRI) and Diffusion Tensor Imaging (DTI) Study.
- D-20. KAUFMANN, L An Explorative Analysis of Attentional Profiles in 9 to 12 Year-Old Children with Temporal Lobe Epilepsy, Metabolic Diseases and ADHD.
- D-21. KÜST, J Driving Ability after Neurological Disease: A Quantitative Analysis.
- D-23. BAAS, U Personal Neglect: A Disorder of Body Representation?
- D-24. HESSEN, E Neuropsychological Function in Seizure-Free Epilepsy Patients.
- D-25. FERRI, N Psychosis Following Traumatic Brain Injury: Genetic Influence and Functional Neuro-Imaging Data.
- D-26. LULL, N Association between Neurological Outcome and Thalamic Metabolism in Patients with Traumatic Brain Injury: An FDG-PET Study.
- D-27. RINGLI, M Effects of Musical Training on Auditory Mismatch Negativity (MMN) in Suzuki Children.
- D-28. DE BEAUMONT, L Impaired Intracortical Inhibitory Systems after Incident Concussions.
- D-29. BLICKENSTORFER, A Cortical Correlates of Functional Electrical Stimulation (FES) of Wrist Extensors and Flexors: An fMRI Feasibility Study.
- D-31. KALLAI, J Description of Perceived Spatial Configuration of Large Scale Place in Epileptic Patients with Hippocampal Atrophy.
- D-32. GEISER, E Implicit and Attention Driven Processing of Speech Melody.
- D-33. BAILLIEUX, H Neurobehavioral Alterations in an Adolescent following Posterior Fossa Tumor Resection: The Cerebellar Cognitive Affective Syndrome.
- D-34. SCHUBERT, S Development, Psychometric and Clinical Validation of an Instrument for Quality of Life Assessment in Patients with Intracranial Tumours.
- D-36. JAVURKOVA, A Neuropsychological Findings in Patients with Hippocampal Sclerosis - Influence of Associated Malformation of Cortical Development in Temporal Pole.
- D-38. SPEIGHT, I Attentional Demands of Balance Control after Stroke.
- D-39. MLEKO, A Impact on Age and Lesion Location on Neuropsychological Functioning in Pediatric Closed Head Injury.

- D-40. SHORES, EA Utility of the Revised Westmead PTA Scale in the Acute Assessment of Mild Traumatic Brain Injury (mTBI) – Further Analysis.
- D-41. DE NÓBREGA, E Verbal Fluency in Cerebellar Ataxia: Differential Effect of Letter, Semantic and Action Cues.
- D-42. SÁNCHEZ, P Cognitive Correlates of Brain Atrophy and Regional Lesion Load on MRI in Relapsing-Remitting Multiple Sclerosis.
- D-43. WINKLER, R Mesial Temporal Lobe Epilepsy Impairs Advanced Social Cognition.
- D-44. REWILAK, D Rehabilitation of Executive Functioning in a Patient with Focal Damage to the Cerebellum.
- D-45. ALBERT, D Subjective Memory Matches Objective Memory Performance only after Left but not after Right Amygdalohippocampectomy.
- D-46. KARADI, K Effect of Different Sites of Lesions on the Severity of Spatial Hemineglect.
- D-47. STUCKI, E Neuropsychological Rehabilitation of Children and Young Adults after Paediatric ALL, Brain Tumor and Non-Hodgkin-Lymphoma.
- D-48. MATHIAS, JL Is Performance on the Wechsler Test of Adult Reading affected by Traumatic Brain Injury?
- D-50. DELANOË, A Pragmatics and Emotions: Assessment of Children and Adolescents with Frontal-Lobe Damage.
- D-51. DESMARAIS, G Linking Encoding Approaches to Memory Deficits for Visual Information in a Patient with a Focal Lesion to the Right Frontal Lobe.
- D-54. KARNER, E Neuropsychological Findings in Familial Hemiplegic Migraine.
- D-55. HOFER, H Coping with Brain Injury: First Results of the Bernese-Psychotherapy-Study.

## SATURDAY, JULY 29, 2006

**9:00 – 10:30 AM**

### **SYMPOSIUM 16**

#### **Brain-Plasticity-Based Cognitive Remediation for Neurological and Psychiatric Applications: Novel Treatment Approaches**

**Host: Bonnie Connor**

*Room: 30*

1. MAHNCKE, H      Brain Plasticity and Design Principles of Brain -Plasticity-Based Computerized Training.
2. CONNOR, B      Studies of Memory Enhancement in Neurologically Normal Older Adults using Brain -Plasticity-Based Computer Training.
3. BELFOR, N      Studies of Memory Enhancement in Patients with Mild Cognitive Impairment (MCI) with Brain-Plasticity-Based Computer Training.
4. VINOGRADOV, S      Studies of Neurocognitive Rehabilitation in Schizophrenic Patients using Brain -Plasticity-Based Computer Training.

**9:00 – 10:30 AM**

### **SYMPOSIUM 17**

#### **Neuropsychology of Mental Disorders**

**Host: Thomas Beblo & Bernhard Weber**

*Room: 55*

1. AMRHEIN, C      What Differentiates Traumatised Individuals without PTSD from Patients with PTSD: Neuropsychological and Neuroimaging Findings.
2. ISRAEL-LAUBINGER, K      Preview Profit in Visuomotor Pursuit Tracking in Major Depression.
3. MENSEBACH, C      Inhibition of Distraction during Verbal Learning: No General but Selective Impairment in Borderline Personality Disorder.
4. SCHEURICH, A      Cerebral Ultrastructural Changes in Alzheimer Disease and MCI: Functional Relevance and Diagnostic Utility.

**9:00 – 10:30 AM**

### **PAPER SESSION 16: Executive Functions and Brain Injury**

**Chair: Ferdinand Binkofski**

*Room: 40*

1. SADEH, M      The Psychiatric Cerebellum.
2. ANSON, K      Who Benefits? Predicting Outcome Following a Coping Skills Group Intervention for Traumatic Brain Injury.
3. SANCHEZ-CUBILLO, I      New Directions in Rehabilitation of Behavioural Disorders after Brain Injury: Lessons from a Case Study.
4. RAPPORT, LJ      Fitness to Drive Following Traumatic Brain Injury.
5. MACKINLAY, R      To Play or not to Play: Hot and Cold executive Functions in Adolescent and Adult Risky Decision Making.



**9:00 – 10:30 AM****PAPER SESSION 17: Clinical and Cognitive Neuropsychology I****Chair: Dorothy Bishop***Room: 60*

1. PAILOPOULOS, G      Neuropsychotherapy in Children with Learning Disabilities.
2. GERRITS, E          Plasticity of Spoken Word Recognition of Children with Language Disorders.
3. LAGANARO, M        Behavioral and Electrophysiological Changes During Recovery from Anomia in Two Acute Aphasie Patients.
4. GEISER, E            The Neural Correlate of Rhythmic Speech Rhythm Processing.
5. KOENEKE, S         Practise-Induced Increases of Maximum Finger Tapping Speed Depend on the Organization of Cortical Finger Representations.

**11:00 AM – 12:30 PM****SYMPOSIUM 18****Limb Apraxia and Manual Skill****Host: Georg Goldenberg***Room: 55*

1. GOLDENBERG, G      Introduction: Apraxia, Dexterity and Handedness.
2. HAALAND, KY        What do Other Motor Tasks Tell us About Ideomotor Limb Apraxia?
3. HERMSDÖRFER, J    Relationship Between Deficits of Goal-Directed Movements and Apraxia Following Lesions of the Motor-dominant Left Hemisphere.
4. SUNDERLAND, A     Dissociations in Motor Skill in Ideomotor Apraxia.

**11:00 AM – 12:30 PM****SYMPOSIUM 19****Aging and Language under Stress: Simultaneous Interpretation as a Test Case****Host: Loraine Obler***Room: 30*

1. MOSER-MERCER, B    Expert Performance on a Complex Cognitive Skill and Well-Being: Age-Related Differences.
2. SIGNORELLI, TM     Benefits on Aging Memory of Working as a Simultaneous Interpreter.
3. OSTROSKY-SOLIS, F   fMRI Comparison of a Simultaneous Interpreter and a Matched Control.

**11:00 AM – 12:30 PM****SYMPOSIUM 20****A Methodological Approach for Assessing Neuropsychological Changes in the Preclinical Stage of Alzheimer's Disease.****Host: Andreas Monsch***Room: 40*

1. FOLDI, NS            Attentional Measures of Psychological Refractory Period and Covert Orienting are Sensitive Markers of Cholinesterase Inhibitor (Donepezil) Treatment in Alzheimer's Disease (AD).
2. MARCAR, VL         A Word of Caution Relating to the Interpretation of fMRI Data in Dementia.
3. BLESSING, A         Emotion and Memory in Alzheimer's Disease.
4. HAENGGI, J          Computational Neuroanatomy Can Support Diagnosis of Dementia in Clinical Daily Routine.

**11:00 AM – 12:30 PM PAPER SESSION 18: Clinical and Cognitive Neuropsychology II****Chair: Hendrik Nieman***Room: 60*

1. KRINZINGER, H Determinants of Solving Mathematical Word Problems in Early Primary School Years.
2. KORVORST, M Lacking Zero: A Neuropsychological Study in a Case of Developmental Dyscalculia.
3. SKRANDIES, W Cortical Plasticity Induced by Short-Term Training with Visual Stimuli: Effects of Retinal Position and Stimulus Type.
4. JANSARI, AS The Whole IS the Sum of the Parts: When Configural Processing Fails in Prosopagnosia and George Michael has to be Recognised by his Goatee Beard.

**9:00 AM – 12:30 PM POSTER SESSION E**

- E-01. TEI, S Brain Functional Plasticity of EEG Theta Location Due to Meditation Experience.
- E-02. HUANG, J External Feedback Influences Error Monitoring in Executive Inhibition Task.
- E-03. TABELING, S Frontal Lobe Functioning is Critical to Performance in Working Memory Span Tasks.
- E-04. BURGSTALLER, A Hyperreligiosity: A Neuropsychological Study with Members of Religious Communities.
- E-06. JAEGGI, SM How High Performers Keep Cool Brains in Situations of Cognitive Overload.
- E-07. BABB, RS Cognitive Neuropsychology of Novel Thinking.
- E-08. GALARZA, K Efficacy of Cognitive Rehabilitation in Children with Serious Emotional Disturbance.
- E-09. MATSUI, M Brain Activation Associated with Theory of Mind: an fMRI Study.
- E-10. STADELMANN, E No Association between COMT Genotype and Cognitive Stability or Cognitive Flexibility in Healthy Subjects.
- E-11. BLANK, C Changes in Ear-Advantage during a Dichotic Listening Task through Visual Stimulation.
- E-12. NISHIYAMA, S Neuropsychological Examination in Agenesis of Corpus Callosum.
- E-13. BRUGGER, P Random Number Generation Disrupts Verbal, but Facilitates Figural Fluency.
- E-14. SCHUBIGER, MN Stuck-in-set Perseveration in Healthy Subjects.
- E-15. SCHUBIGER, MN Asymmetries in Number Space Induced by Vestibular Stimulation.
- E-17. GRABHERR, L Motor Imagery Training Improves Hand Movement in Hemiplegic Patients.
- E-19. MARIANI, M The Effects of Gender and Degree of Familiarity on Spatial Orientation.
- E-20. DAUNER, R Parallel Visual Search in Subjects with Homonymous Hemianopia.
- E-22. DOMAHS, F. The Rehabilitation of Number Transcoding by Drill.
- E-23. HARALANOVA, E Reversed Crossmodal Pseudoneglect in Left -Handers as Assessed with Motor-Free Visual and Acoustic Tasks.
- E-24. ALAERTS, K The Role of Repetitive Afferent Stimulation by Means of Passive Movement: Evidence for Post-Intervention Potentiation as Indicated with TMS.
- E-25. ALAERTS, K Bilateral Facilitation of Corticospinal Excitability Following Repetitive Proprioceptive Stimulation Using Unilateral Passive Wrist Movement.
- E-26. LUCCHIARI, C Decoding of Emotional Faces in Different Consciousness Conditions: An ERP Study.
- E-27. HASEGAWA, A Executive Function and Cerebral Blood Flow on Dorsolateral Prefrontal Cortex in Cases of Subcortical Infarction.
- E-28. BALCONI, M A Fighter is a Lion: Neuropsychological and Cognitive Processes in Decoding a Metaphor. An Analysis through Event-Related Potentials (ERPs).
- E-30. GUT, M The Effect of the Forced Right-Handedness on the Functional Asymmetry Pattern in the Human Brain.
- E-31. KAUFMANN, JM Voices and Faces: A Special Relationship?
- E-32. KEISKER, B Differences in Cortical Activation During Static and Dynamic Power Grip Force.
- E-34. RODRIGUEZ SALGADO, D Pattern of Neuropsychological Impairment Associated with HIV Infection in Drug Users.
- E-35. REMY, S Sensation Seeking and Smoking in Young Adults.
- E-36. REMY, S Levels of Sensation Seeking and Suicidal Ideation in Young Adults.
- E-37. CHERNER, M Deficits in Motor Speed and Dexterity among Polysubstance Experienced MDMA Users with Intact Cognitive Functioning.
- E-38. JUÁREZ, J Naltrexone Therapy in Alcoholic Patients: A Comparison between Continuous and Intermittent Treatment.
- E-39. KELLEY, MJ Kava Cognitive Field Research and Documentary Development in Hawaii.
- E-40. LUCAS, SK Prediction of Outcome 2-3 Years after Diagnosis of First Episode Psychosis – Exploration of Preliminary Findings.
- E-41. KIM, MS The Effect of Attention Rehabilitation on the Cognitive Functions in Schizophrenic Patients.

- E-42. BLESSING, A Interpretation of Proverbs in at Risk Patients and Patients with First Episode Psychosis.
- E-43. ZACCHI, E Neuropsychological Effects Associated with Remote Chronic Exposure to Mercury Vapour.
- E-47. ALTGASSEN, M Prospective Memory Performance in Individuals with Schizophrenia.
- E-48. KELLER, M Importance of Including a Driving Simulator in the Evaluation of Driving Abilities.
- E-49. ARANGO, JC Influence of Hispanics Acculturation Levels on Neuropsychological Test Performance.
- E-50. SABUCEDO, M Relationship between the Frontal Assessment Battery (FAB) and other Frontal Lobe Tests.
- E-52. HAHN, A Comparison of the Self-Awareness of Deficits Interview and the Patient Competency Rating Scale and their Relationship to Psychosocial Outcome in Patient with Acquired Brain Injury.
- E-53. DAWES, S Trail Making Test and the Relative Efficacy of Discrepancy Analysis in an HIV Positive Sample.
- E-54. DAWES, S Clinical Utility of a Clustering Method for Analyzing Neuropsychological Test Data in an HIV Positive Sample.
- E-55. O'CONNOR, C A Randomized Control Trial of Goal Management Training in Adults with Neurological Damage.
- E-57. KELLER, M Efficiency of Neurological and Neuropsychological Rehabilitation Evaluated with the Valenser Alltagorientierte Therapie (VAT) Test.