WEDNESDAY, JULY 29, 2009

9:00 AM–12:00 PM  Continuing Education Course 1: Cerebral Palsy And Traumatic Brain Injury: A Family-Based Approach To The Rehabilitation Of The Child
Presenter: Lucia Braga  
Press Room

9:00 AM–12:00 PM  Continuing Education Course 2: Clinical & Psychometric Strategies For Improving Accuracy For Identifying Cognitive Impairment
Presenter: Grant Iverson  
Fennia II

1:00–4:00 PM  Continuing Education Course 3: Neuropsychotherapy: Guidelines For A New Integrated Field Of Neuropsychological Treatment
Presenter: Ritva Laaksonen  
Fennia I

1:00–4:00 PM  Continuing Education Course 4: The Functional Neuroanatomy Of Semantic Memory
Presenter: Alex Martin  
Fennia II

1:00–4:00 PM  Continuing Education Course 5: Neurodevelopmental Consequences Of Very Low Birth Weight: Current Knowledge And Implications
Presenter: H. Gerry Taylor  
Press Room

4:15–4:45 PM  Opening Ceremony  
Europaea

4:45–5:30 PM  Presidential Address: Time, Language, and the Human Brain
INS President: Michael Corballis  
Europaea

1. CORBALLIS, M  Time, Language, and the Human Brain

6:00–7:30 PM  Helsinki City Reception  
Helsinki City Hall
THURSDAY, JULY 30, 2009

8:30–10:00 AM  Paper Session 1: Memory in Clinical Conditions  
Nordia

1. KESSELS, RP  Source Memory for Emotional Pictures in Alzheimer Patients.
2. SPAAN, P  Episodic and Semantic Memory Decline in Very Old Age: The Impact of Processing Speed and Executive Functioning.
3. COLLINSON, S  Prospective Memory Functioning and its Underlying Cognitive Components in Mild Traumatic Brain Injury.
4. SEMKOVSKA, M  Distinctive memory profiles in depression remitters and nonremitters following electroconvulsive therapy: Preliminary findings.
5. EGELEND, J  Do Low Effort Learning Strategies Mediate Impaired Memory in ADHD?

8:30–10:00 AM  Symposium 1: Neuropsychology of the Spectrum of Affective Disorders  
Chair: Thomas Beblo  
Europaea

1. BEBLO, T  Neuropsychology of the Spectrum of Affective Disorders.
2. DITTMANN, S  Memory Predicts Social Adjustment in Bipolar Disorder.
3. FENKE, K  Attentional capacity and down-down control changes in patients with major depression Evidence based on the theory of attention (TVA).
4. KATHMANN, N  Motor Sequence Learning In Patients with Obsessive-Compulsive Disorder, Panic Disorder, and Depression.
5. BEBLO, T  Are neuropsychological deficits specific in patients with Borderline Personality Disorder? A comparison with patients with Major Depression.
6. FAST, K  Inhibition during affective and neutral information processing in posttraumatic stress disorder (PTSD) and borderline personality disorder (BPD) – neuropsychology and functional imaging.

8:30–10:00 AM  Invited Symposium: Theoretical and Clinical Contributions to the Social Neuroscience: a Developmental Perspective  
Chair: Vicki Anderson  
Fennia I

1. ANDERSON, V  Theoretical and clinical contributions to the social neuroscience: a developmental perspective.
4. WILLIAMS, H  The neuro-developmental risk of childhood head injury on later offending and the need for socially focussed early neuro-rehabilitation.
5. ANDERSON, V  Social and behavioural problems following acquired brain injuries in childhood.

8:30–10:00 AM  Invited Symposium: Aspects on Biological and Psychological Determinants of Cognitive Plasticity  
Chair: Göran Horneman  
Fennia II

1. HORNEMAN, G  Aspects on biological and psychological determinants of cognitive plasticity.
2. CARLSSON, R  Improvement of cognitive deficits in first-episode psychosis - An association to information processing speed.
3. HORNEMAN, G  Cognitive outcome after head injury in childhood.
4. WINBLAD, S  Cognition in myotonic dystrophy type 1 - general impact during different stages of the lifespan.
5. STIGSDOTTER NEELY, A  Training of executive functions in young and old adults.
6. WESTERBERG, H  Computerized training of working memory in aging - a controlled randomized trial.

10:00–11:00 AM  Poster Session 1: Intervention, Psychopathology, Traumatic Brain Injury, ADHD  
Nautica

ADHD/ADD

1. ESKOLA, E  The Effect of Long-Term Methylphenidate Treatment on Test-measured Executive Functions in Children with ADHD.
2. HAAPARANTA, C  Dialectical Behavioral Therapy -based skills training in group for adult substance abusers with attention deficit hyperactivity disorder (AD/HD).
3. HELENITUS, P  Neural Markers of Detecting Infrequent Visual Events in ADHD.
4. HRVIKOSKI, T  High self-perceived stress in everyday life, and a heightened risk for poor recovery after a cognitive stressor in adults with ADHD (attention-deficit/hyperactivity disorder).
5. HUMPHREY, L  Rey Osterreith (RO) Performance in Finnish Adolescents With and Without Attention Deficit Hyperactivity Disorder (AD/HD).
6. LEHTONEN, SE  Do the Behavioural and Emotional Characteristics Related to AD/HD in Adults Predict Attention Network Efficiency?
7. PALMA, SM Comorbidities in a sample of Brazilian Children with Attention Deficit Hyperactivity Disorders (ADHD).
8. MARTIN, R Neuropsychological Evaluation of Memory in Children and Adolescents with Attention-Deficit Hyperactivity Disorder (ADHD): A Lifespan Perspective.
9. REIMAN, N Assessing executive functions in children with ADHD: A comparative study of results of the Behavior Rating Inventory of Executive Functions (BRIEF) and neuropsychological tests.
10. RIZZUTTI, S Clinical and Neuropsychological profile in a sample of Children with Attention Deficit Hyperactivity Disorders (ADHD).
11. TORSTI, J Long-Term Methylphenidate Treatment Improves the Every-day Executive Functions of Children with ADHD.
12. TUOMINEN, T ADHD Traits in Finnish Male Prisoners.
13. WAALER, E Dialectic Behavioural Therapy -based skills training in group for adults with attention deficit hyperactivity disorder (ADHD).

**Traumatic Brain Injury (Child)**
17. KERMINEN, MK Parental Distress and Child's Executive Function Skills among Families attending Holistic Pediatric Rehabilitation Program for Brain-Injured Children (HOPE).
18. SINOPOLI, K Impaired Awareness of Deficits in Children with Traumatic Brain Injuries.
19. SOO, C Validity of the Paediatric Care and Needs Scale (PCANS) for assessing support needs of children and adolescents with acquired brain injury.

**Traumatic Brain Injury (Adult)**
20. REDDY, RP Effects of Neurofeedback on Memory and Quality of Life in Traumatic Brain Injury.
21. REDDY, RP Executive Functions and Quality of Life in Traumatic Brain Injury.
22. ADAMS, KM Digit Span Age-Scaled Score in Middle-Aged Military Veterans at Risk for TBI: Comparative Utility in Confirmation of Incomplete Effort.
26. DE GUISE, E Clock Drawing and the Mini-Mental State Examination in Patients with Traumatic Brain Injury.
27. DE GUISE, E Neuropsychological Correlates of the Clock Drawing Test in Patients with Traumatic Brain Injury.
28. DOUGLAS, J Social Communication Outcome Following Severe Traumatic Brain Injury: Comparing the Perspectives of Injured Adults and their Relatives at Different Stages of Recovery.
29. HAGEL-SORENSEN, S Length of PTA is Not a Predictor for Discharge to Psychiatric Ward after Subacute Rehabilitation of Severe TBI.
30. MAINLAND, BJ The Influence of Depression and Anxiety on TOMM Performance in Patients with Mild TBI at Six-Months and Two-Years Post-Injury.
31. MALOUF, T A Comparison of the Insight Interview and Other Measures of Awareness Deficits.
32. MCKERRALL, M Relationship Between Neuropsychological Intervention and Vocational Outcome Following Traumatic Brain Injury Rehabilitation.
33. MEYAPPAN, A Relationship of Trait Anxiety and Personality Factors with Post-Concussive Symptoms (PCS) Following Mild Traumatic Brain Injury (MTBI).
34. PASCUAL, M Impact of acquired brain injury in primary caregivers. Preliminary findings.
35. RAMSDEN, CM The Impact of an Acquired Brain Injury on High-level Musical Skills: Two Case Studies.
36. RIJS, J Is Post Traumatic Amnesia(PTA) just Amnesia and does Prospective Recording of New Learning Ability during PTA Predict Long Term Outcome.
38. RZEZAK, P Traumatic Brain Injured patients, regardless of disability level, show impairments in the same cognitive domains.
40. SCHONBERGER, M The Relationship Between Age, Injury Severity and MRI Findings Following Traumatic Brain Injury.
41. SIERT, L Neuropsychological Support and Intervention to Adult Relatives of Patients with Severe Acquired Brain Injury in the Sub-acute Phase.
42. WALJAS, M Self-Reported Fatigue Following Uncomplicated Mild Traumatic Brain Injury.
43. WILLIAMS, C Impairment in the Recognition of Emotion across Different Media following Traumatic Brain Injury.
44. WILLIAMS, C The Impact of Alexithymia on Somatisation after Traumatic Brain Injury.
45. WILLIAMS, C Alexithymia and Emotional Empathy following traumatic Brain Injury.
46. YLIOJA, S Is Cognitive Outcome in Penetrating Brain Injury Distinguishable from that of Non-Penetrating Brain Injury?
47. ZHAVORONKOVA, LA Effect of stabilotaining with biofeedback at rehabilitation of patients with posttraumatic Korsakoff syndrome.
48. ROSS, SR The Personality Assessment Inventory (PAI) in the Detection of Insufficient Effort in Suspected Head Injury.
Psychopathology/Neuropsychiatry

49. ROSS, SR Psychopathy and frontal lobe functioning: The role of executive dysfunction in secondary psychopathy.
50. EGGER, J MMPI – RF assessment augments Neuropsychological Treatment Utility.
52. KASHYAP, H Neuropsychological Correlates of Insight in Obsessive-Compulsive Disorder.
53. NOONE, M A Study of Retrospective Memory Function in Depression.
54. OHIGASHI, Y Tentative Explanation of Delusional Perception in PDFTBI patients with temporal pole lesions.
55. SEGALAS, C Organizational Strategies: A New Cognitive Endophenotype of OCD?
56. ILONE, T The Rorschach Coping Deficit Index Reflects Neuropsychological Dysfunction.
57. MUZIO, E Psychotic Features on the Rorschach and Cognitive Neuropsychological Dysfunction.
58. BARROSO, J Executive Functions in Schizophrenia and Its Relationship with the Clinical Symptoms.
59. CHIU, C Neuropsychological Function in Individuals with Very High Risk Stage of Psychosis.
60. GARCIA-VALDECASAS COLELL, M Schizophrenia and Dandy-Walker Complex: a Case Report.
61. PENNA, J CFA confirmation of a latent cognitive structure common to Spanish and North American patients with schizophrenia.

Cognitive Intervention/Rehabilitation

62. BOGDANOVA, Y Neurocognitive Rehabilitation of Anoxic Brain Injury Following Cardiac Arrest.
63. FITZGERALD, MC Rehabilitation of Error Awareness Post Acquired Brain Injury (ABI): An Intervention.
64. JANBOZORGI, MM Treatment of migraine: How effective is Biofeedback - Assisted Relaxation training?
65. JOHANNSON, A Does Timing Training Affect Goal-directed Upper Limb Movements in Youths with Cerebral Palsy?
66. MATSUI, M The effect of cognitive rehabilitation using car driving simulator in schizophrenia.
67. MATSUO, A The constancy of the ipsilesional upper limbs movement of the unilateral spatial neglect patient after the right hemisphere injury.
68. PACHECO, A Cognitive Profiles in Portuguese Children with Dyslexia.
69. SANDBERG, P Training of Three Executive Functions in Old Adults.
70. VELOSO, F Neuropsychological rehabilitation of memory applied to Dementia reduces depression and promotes cognitive gains.
71. VIEIRA, VD The effects of family guidance combined with cognitive training on performance of AD patients.

Emotional Processes

72. BALCONI, M Laterality, EEG Alpha Band Power and Behavioural Inhibition (BIS) and Activation (BAS) Systems in Emotional Face Comprehension.
73. KAPLUN, KA Validation of the Emotion Word Fluency Test: Preliminary Evidence.
74. KIEFFER, R Coping and Psychological Distress in Children of Parents with ABI. A Preliminary report.

11:00 AM–12:00 PM Invited Plenary: Postnatal Development of Hippocampus:
Neuropsychological Implications
Speaker: Lynn Nadel
Europaea

1. NADEL, L Postnatal Development of Hippocampus: Neuropsychological Implications.

1:30–3:00 PM Invited Symposium: Highlights of Recent Results Associated with Developmental Neuropsychology
Chair: Margaret Semrud-Clikeman
Europaea

1. SEMRUD-CLIKEMAN, M Highlights of Recent Results Associated with Developmental Neuropsychology.
2. LYTTENEN, H Developmental Predictors and Prevention of Dyslexia.
3. HYND, GW Brain Morphology and Dyslexia: Relationship to an Extended Family who is Twice Exceptional.
4. SEMRUD-CLIKEMAN, M Functional and Structural Neuroimaging in ADHD with and without Medication Treatment.

1:30–3:00 PM Paper Session 2: Cognitive Deficits in Mild Cognitive Impairment and Dementia
Fennia 1

1. CHEY, J The Neural Correlate of Cognitive Reserve.
2. NORDLUND, A Cognitive Tests Predicting Different Dementia Disorders in MCI Subjects 4 Years Before Diagnosis.
4. TROSTER, AI Comparison of Visual Confrontation Naming in Alzheimer’s Disease and Parkinson’s Disease with and without Dementia.
5. BERGMANN, H Impaired Visuomotor but not Visuoperceptual or Cognitive Skill Learning in Parkinson’s Disease.
1:30–3:00 PM  
**Symposium 2: The Neuropsychology of Dual-Tasking**  
Chair: Jonathan Evans  
*Fennia II*  
1. **EVANS, JJ**  
   The Neuropsychology of Dual-Tasking.  
2. **HAMILTON, F**  
   Walking and Talking: Cognitive-Motor Dual-Tasking in Multiple Sclerosis.  
3. **FOLEY, JA**  
   Dual Task Engages an Independent Executive Function.  
4. **PAUL, L**  
   The Effect of a Cognitive or Motor Task on the Gait Parameters of those with Diabetes, with and without Neuropathy.  
5. **MACPHERSON, SE**  
   Dual Task Abilities in Alzheimer’s Disease due to E280A Single Presenilin-1 Mutation.  
6. **KINSELLA, G**  
   Impact of Task Complexity and Dual Task Conditions on Performance of Habitual Everyday Tasks in Mild Alzheimer’s Disease.

1:30–3:00 PM  
**Invited Symposium: Silent Cysts, Are There? The Case of Anja Kohonen: The Ingenious Zero with Large Arachnoid Cyst.**  
Chair: Ritva Laaksonen  
*Nordia*  
1. **LAASKONEN, R**  
   Silent Cysts, Are There? The Case of Anja Kohonen: The Ingenious Zero with Large Arachnoid Cyst.  
2. **KOHONEN, A**  
   My Personal Experiences.  
3. **SULKAVA, R**  
   Clinical and Neuroradiological Findings of the Case A.K.  
4. **KALSKA, H**  
   What Did the Neuropsychological Assessment Reveal about an Incidentally Emerged Large Arachnoid Cyst? The Case A.K.  
5. **LAASKONEN, R**  
   The Subtle Sequelle of a Large Arachnoid Cyst: The Experiential World of Anja Kohonen and the Contraversies of Silent Cysts.

3:00–4:00 PM  
**Poster Session 2: Aging, Dementia, Cognitive Neuroscience, Electrophysiology, Imaging, Genetics**  
*Nautica*  
**Aging**  
1. **CHESTER, C**  
   Semantic Memory: Relations With Demographic Variables.  
2. **CORREIA-PASSINHAS, R**  
   Enhancing Mini-Mental State Examination -MMSE- Memory Assessment.  
3. **HATTA, T**  
   Relation between cognitive function and urinary incontinence in healthy community-dwelling middle and elderly people.  
4. **ITO, E**  
   Awareness of memory impairment in middle and old aged community dwellers.  
5. **IWAHARA, A**  
   Cognitive Activity and Cognition at Old Age: The use of Technology as a Buffer of Cognitive Decline in Aging.  
6. **MILLER, LJ**  
   Age Related Declines in Performance on the Wechsler Intelligence Scales from 1955 to 2008.  
7. **NAGAHARA, Y**  
   Is the Stroop Color-Word Test sensitive to cognitive decline in elderly people?  
8. **NAKAGAWA, Y**  
   Life-span change in Japanese grammar: From child to elder.  
9. **OSTERMAN, J**  
   Assessing Mental Flexibility: Neurorontomical and Neuropsychological Correlates of the Trail Making Test in Elderly People.  
10. **WILKINS, S**  
   Comparison of the GDS and the PHQ-9 Depression Screening Instruments in Ethnically Diverse Older Medical and Psychiatric Veteran Populations.

**Dementia (Alzheimer’s)**  
11. **GAGNON, LG**  
   Working Memory Deficits in Alzheimer’s Disease and Mild Cognitive Impairment: Contribution of Memory Trace Decay.  
12. **KANG, S**  
   Activities of daily living in early onset and late onset Alzheimer’s disease.  
13. **AHN, H**  
   The correlation of neuropsychological performances and cortical thickness in mild cognitive impairment and Alzheimer’s disease.  
14. **KIRK, A**  
   Design and Operation of a Multidisciplinary Memory Clinic Using Telehealth Technology To Serve a Rural and Remote Population.  
15. **LLORENTE, A**  
   Confabulation in Mild Alzheimer’s Dementia.  
16. **LOPEZ-ROTON, A**  
   Apathy and memory performance in Alzheimer’s disease.  
17. **SOTANIEMI, M**  
   The validation of the Finnish version of CERAD neuropsychological battery.  
18. **TOEPPER, M**  

**Dementia (Subcortical, Specific Disorders, MCI, etc.)**  
19. **BALDIVIA, B**  
   Clustering and Switching on Verbal Fluency: Comparison Between Parkinson’s Disease Patients and Healthy Subjects.  
20. **BARROS, J**  
   Phonetic and Semantic Fluency in Different Stages of Parkinson Disease.  
21. **BARROS, J**  
   Amnestic MCI-MD with Prefrontal Impairment Shows Greater Preservation of Premotor Functions than Non-Amnestic MCI-MD with Prefrontal Impairment.  
22. **CHUNG, J**  
   Self-appraised versus informant-reported and objective cognitive function in mild cognitive impairment (MCI).  
23. **CLEMENT, F**  
   Memory Related Brain Activation in MCI: An Interaction between Disease Severity and Cognitive Process.  
24. **FERREIRA PADILLA, D**  
   Prefrontal Functions are Impaired in Amnestic MCI Multidomain.
25. Göthlin, M
If Combined, Are Life Style Risk Factors and Neuropsychological Profiles Markers of Disease Progression in MCI?

26. Gustavsson, M
Subjective vs. Objective Cognitive Impairment in Subjects Seeking Care at a Memory Clinic.

27. Kim, S
Voxel-Based Analysis of Diffusion Tensor Imaging in patients with dementia or mild cognitive impairment with small vessel disease: Correlates with cognitive and motor deficits.

28. Yoon, J
Hypophonia in Subcortical Vascular Mild Cognitive Impairment and Subcortical Vascular Dementia.

29. Loselle, M
A multimodal Category-Specific Semantic Deficit for Animals: A Case Study.

30. Midorikawa, A
Cognitive Functions of a Patient with Fronto-temporal Dementia (FTD) having Superior Painting Skills is similar to that of Autistic Savant Syndrome.

31. Quinlan, PS
Inverse Relationship between Triiodothyronine and Cognition in MCI.

32. Subirana Mirete, J
Assessment of Processing Speed and Executive Functions performance when discriminating between Mild Cognitive Impairment and Dementia States.

33. Yu, R
Neuropsychological Features of Two Patient Cases with Posterior Cortical Atrophy.

34. Bueno, OF
Relationship between Switching On Semantic Verbal Fluency and Working Memory on Parkinson Disease Patients and Healthy Elderly.

Cognitive Neuroscience

35. Bueno, OA
Relationship between Mood and Cognitive Effects of Acute Doses of Donepezil in Young Healthy Volunteers.

36. Araújo, SS
Visual Processing Factors Contribute to Object Naming Difficulties in Dyslectic Readers.

37. Bramão, I
The perception of musical phrases by musicians.

38. Castro, S
The Value of Nothing: Behavioral Relevance Determines the Processing of Negative Prediction Errors.

39. Pacheco, A
Probing Dyslexic Children: Phonology and Visual Naming Skills.

40. Suzuki, K
Contribution of the Left Retroparietal Region to Human Navigation.

41. Van Diick, J
The Internal Structure of Number Space.

42. Balconi, M

Electrophysiology/EEG/ERP

43. Balconi, M
Observing, Imitating and Executing: An Electrophysiological Investigation of Acting and Inter-acting Processes.

44. Balconi, M
Neuropsychological and Cognitive Correlates in Tourette Syndrome. The Inhibitory Process Hypothesis.

45. Andersson, L
Attending sight, sound and smell.

46. Simola, J

47. Vaitses, V
Relationship between Performance of Visual Memory and Global Field Synchronization of EEG in children with Learning Disabilities.

Genetics/Genetic Disorders

48. Egger, J

49. Mello, CB
Variability in Clinical, Neuropsychological and Behavioral Phenotype In Ring Chromosome 14 Syndrome - Report of Two Brazilian Cases.

50. Wingeier, K
Heterogeneous Cognitive Abilities in Boys Suffering from Duchenne Muscular Dystrophy.

Hemispheric Asymmetry/Laterality

51. Chol, K
The Role of a Default-Mode Network in Stress Experience in Elderly People with Harm Avoidance Trait.

52. Hashimoto, T
The Effects of Subliminal Cuing on Prospective Memory.

53. Hasenstab, J
The Effect of Withdrawal on Brain Response to Smoking Cues.

54. Kobayashi, H
Effects of subject-performed tasks in memory of action events: a case-control fMRI study.

55. Partanen, J
Prefrontal Asymmetry: Correlates of Restraint, Disinhibition and Eating Behaviors.

56. Verdejo-García, A
Strategic Self-regulation and Its Relation with the Posterior Cingulate Cortex in Abstinent Polysubstance Abusers.

57. Hasenstab, J
Brain Morphology in Middle-Aged Obesity and Insulin Resistance.

58. Rios-Lago, M
Diffusion Tensor Imaging After Traumatic Brain Injury: Speed of Information Processing and Attentional Control.

59. Soria-Pastor, S

60. Voss, P

61. Zubiaurre-Elorza, L
Superior Temporal Sulcus Lower Surface in Preterm Children with Low-risk of Neurodevelopmental Impairments.
67. BENASSI-WERKE, ME Prevalence and Categories of Absolute Pitch in Music Schools in Brazil.
68. ROJO, N Music-supported therapy induces plasticity in the sensorimotor cortex in chronic stroke patients as revealed by fMRI.
69. KÖÖTS, L The Episodic and Autobiographic Memory Scale: Its Relations to Affective Experience and Personality.

4:00–5:00 PM Invited Plenary: Confabulation and the Creation of Reality
Speaker: Armin Schnider
Europaea
1. SCHNIDER, A Confabulation and the Creation of Reality.

5:00–6:00 PM Invited Plenary: The Application of Cognitive Neuroscience to Problems in Everyday Life.
Presented by Barbara Wilson, recipient of the INS Award for Lifetime Achievement
Europaea
1. WILSON, B The Application of Cognitive Neuroscience to Problems in Everyday Life.

7:30 PM–1:00 AM Congress Dinner
(optional, pre-registration required)
Restaurant Pörssi

FRIDAY, JULY 31, 2009

8:30–9:15 AM Invited Symposium: Vascular Impairment From The Neonatal Stage Till The Late Years
Chair: Liina Vahter
Nordia
1. VAHTER, L Vascular Impairment from the Neonatal Stage till the Late Years.
2. KOLK, A Vascular impairment following the childhood stroke.
3. GROSS-PAJU, K Vascular dementia and Alzheimer’s disease – two different diagnoses or one syndrome?

8:30–10:00 AM Paper Session 3: Adult Traumatic Brain Injury
Europaea
2. MALOUF, T Awareness Deficits and their Relations with Executive Functioning and Memory Processes.
4. BOLDUC-TEASDALE, J What can electrophysiology tell us about recovery after mild TBI? Visuospatial deficits in the acute and chronic post-injury phases.
5. GREEN, R Traumatic brain injury as a neurodegenerative disorder - progression of gray and white matter loss following resolution of acute injury.

8:30–10:00 AM Symposium 3: The Impact of Very Early Brain Insult on Development
Chair: Sarah Knight
Fennia 1
1. KNIGHT, S Craniosynostosis: Neurodevelopmental Functioning in Infants Prior to Surgical Intervention.
2. DA COSTA, A Craniosynostosis: Neuropsychological Outcomes During Late Infancy and Early Childhood Following Surgical Intervention.
5. SPENCER-SMITH, M Developmental Timing of Brain Insult Impacts Differentially on Attention Processes.
6. KNIGHT, SJ The Impact of Very Early Brain Insult on Development.
8:30–10:00 AM Invited Symposium: Fast, Focused, or the Fabulous Four: Teasing Apart the Elements of Visual Attention
Chair: Thomas Habekost
Fennia II
1. HABEKOST, T Fast, Focused, or the Fabulous Four: Teasing Apart the Elements of Visual Attention.
3. STARRFELT, R Too Little, Too Late: Reduced Visual Span and Speed Characterize Pure Alexia.
5. VANGKILDE, S Differential Effects of Nicotine on Discrete Components of Visual Attention.
6. HABEKOST, T TVA Based Assessment: A General Introduction.

Chair: Solveig Jonsdottir
Nordia
1. JONSDOTTIR, S Searching for the Etiology of ADHD Using EEG, Genetics and Measures of Executive Function.
2. HELGADÓTTIR, H Electrophysiology of AD/HD.
3. PÁLMASON, H Attention-Deficit/Hyperactivity Disorder Phenotype Is Influenced by a Functional Catechol-O-Methyltransferase (COMT) Variant.
4. JONSDOTTIR, S Why Is ADHD So Frequently Associated with Specific Language Impairment (SLI)?

10:00–11:00 AM Poster Session 3: Epilepsy, Toxic Disorders, Stroke/Aneurysms, Other Medical Conditions, Visuospatial, Executive Nautica
Behavioral Neurology
1. CAVACO, S Subclinical neurological involvement in Behçet’s disease.
2. GIGI, A Error Rate and Sequence Learning in Parkinson’s Disease.
3. HANNINEN, RO False Familiarity of Unfamiliar Faces and Palimpseptic Perseveration.
4. KIM, E Constricted intentional field in a patient with normal pressure hydrocephalus: A single case study.
5. LEE, BH Neural correlates of artistic drawing in patients with right hemisphere stroke.
6. SHIBATA, T Study of neurological soft signs in Japanese patients with schizophrenia.

Drug/Toxin-Related Disorders (Including Alcoholism)
8. KOSKINEN, SM A Longitudinal Twin Study of Effects of Adolescent Alcohol Abuse on the Neuropsychology of Attention and Orienting.
9. RAPELLI, P Correlates of Attention and Memory Performance in Opioid-dependence Treated with Methadone.
10. SHIN, S A Comparison of Internet and Alcohol Addiction of Attachment among Industrial Workers in Urban Korea.
11. VERDEJO-GARCIA, A Effects of intensity of alcohol vs. cannabis, cocaine and heroin use on executive function performance.

Epilepsy/Seizures
12. BOSHKOV, U Elements of Attention in Children with Benign Childhood Epilepsy with Centrotemporal Spikes.
13. GROTE, C A Validation Of A Popular WAIS-III Short Form in Patients With Epilepsy.
14. GROTE, C Improved Cognitive Performance Following Cranial Resection for the Treatment Epilepsy.
15. HESSEN, E Health concerns predicts poor quality of life in seizure-free epilepsy patients.
16. KLAAS, PA Timing is Everything: The Effects of Age of Onset and Seizure Duration on Cognitive Development in Children with Temporal Lobe Epilepsy.
17. LAH, SS Autobiographical Memory in Patients with Partial Epilepsy: Impact of Accelerated Forgetting.
18. RANTANEN, K Cognitive Impairment in Preschool Children with Epilepsy.
19. RICHARDSON, K Neuropsychological Rehabilitation for Patients with Epilepsy: The Effectiveness of a Memory Training Program.
20. TUDESCO, I Neuropsychological Assessment of Patients with Temporal Lobe Epilepsy after Corticoamygdalohippocampectomy.

Executive Functions/Frontal Lobes
22. AKAMATSU, T The effects of single and mixed cues on choice reaction in Parkinson’s disease.
23. FREITAS, V Subjective Memory Questionnaire: An Appraisal of Executive Functioning?
24. HATANPÄÄ, A The Difficulties of Executive Functions in Adolescents with Mild Mental Retardation.
25. IVERSON, GL Base Rates of Low Scores on the Test of Verbal Conceptualization and Fluency (TVCF) in Adults.
26. IVERSON, GL Return to Work in Brain Tumor Patients is Associated with Neuropsychological Test Performance.
27. KOSMIDIS, MH Learning Strategies as an Indication of Executive Verbal Memory: A Comparison of Patients with Schizophrenia, Patients with Multiple Sclerosis and Healthy Controls on a Greek CVLT-type Task.
29. MOLINA, Y Switching Contribution to an Efficient Phonetic Verbal Fluency Production.
31. RIVERO, TS Relationship Between Videogame Use and Measures of Sustained Attention in Brazilian Adolescents: Faster is Better?
32. SAUNAMÄKI, T Executive dysfunction in patients with obstructive sleep apnea syndrome.
33. SAUNAMÄKI, T Information Processing, Reaction Time and Motor Speed in Patients with Obstructive Sleep Apnea Syndrome.
34. VAZ, LJ Stress-Induced Cortisol Effects on Executive Function in Healthy Young Men.
35. VUOKSIMAA, E Effects of sex, co-twin's sex, and pubertal development on Trail Making Test performance: A population-based study of 1847 adolescent Finnish Twins.

**Medical Conditions (HIV/AIDS, MS and other Medical Conditions)**
37. MUÑOZ-MORENO, JA Depressive Symptoms May Influence in the Diagnosis of Neurocognitive Disorders in HIV Infection.
38. GARCIA-VALDECASAS COLELL, M Batería Neuropsicológica Breve (BNB) as a Neuropsychological Screening Tool for Cognitive Impairment in Multiple Sclerosis Patients.
39. LAATU, S The Effects of Rivastigmine on Cognitive Impairments in Multiple Sclerosis: A Case Study.
40. BLOLOGNANI, S Neuropsychological Assessment of Young Adults who Presented Sydenham’s Chorea in Childhood.
41. HOTTE-BERNARD, J Is Spatial Attention Affected in Amblyopia?
42. MÄKI, K Cognitive Performance After Aortic Surgery Using Deep Hypothermic Total Circulatory Arrest.
43. MÖLLER BÖHM, M Differential effects of testosterone and estrogen replacement on fatigue, cognitive speed and memory function.
44. TALVITIE, S Pediatric Facial Fractures without Acute Brain Injury and Cognitive Performance in Early Adulthood.

**Stroke/Aneurysm**
46. BRANDS, AM Cognitive Functioning after Transient Ischemic Attack.
47. KAURANEN, T Symptom Awareness and Executive Dysfunction Predict Return to Work in First-Ever Cerebral Infarction.
48. KIRJAVAINEN, S Is Site of an Ischemic Brain Lesion Associated with Subtype of Executive Functioning.
49. MIRALBELLA, J Framingham Stroke Risk Profile and Cognitive Function: Preliminary Results from a Population-Based Study in the Mediterranean Area.
51. ROJO, N Neuropsychological alterations in patients with posterior cerebral artery stroke: a preliminary study.
52. RUUSKANEN, E Predictors of Discharge to Home after Thrombolytic Treatment in Right Hemisphere Infarct Patients.
53. SORIANO, JJ White Matter Lesions, Cardiovascular Risk Factors and Cognition in a Healthy Sample Between 50 and 65 Years-old.
54. TURUNEN, K Effects of First-Ever Cortical or Subcortical Brain Infarction on Memory and Executive Function.

**Visuospatial Functions/Neglect/Agnosia**
55. BAYLIS, LL The Effect of Asynchronous Presentation in Auditory Extinction: Two Different Processes in Extinction?
56. BERNARDINO, JS Dissociation of local/global visual preference and performance in Williams Syndrome.
57. GERLACH, C Now you see them, now you don’t: How to produce a category-effect the way you want it.
58. JEHOKHEN, M Incidence of left visual neglect after thrombolytic treatment in acute right hemisphere stroke patients.
60. MARK, VW A Novel Use of the Cancellation Test to Assess Cognitive Change after Acute Brain Injury.
61. NURMI, LJ Right Hemisphere Infarct Patients and Healthy Controls: Comparing Starting Points in Cancellation Tasks of the Behavioural Inattention Test.
63. SHIBASAKI, M Visual Integration Deficit in a Patient with Prosopagnosia.
64. VINUEZ-JUNQUE, G Brain perfusion correlates of visuoperceptual deficits in preclinical and mild Alzheimer’s disease.
65. WITKOWSKA, MA An anosognosia prevalence of neglect and depression symptoms in patients after brain damage.

**Other**
67. BOLCEKOVA, E Lesion in right cerebellar hemisphere leads to greater impairment in executive and visuospatial functioning than left cerebellar lesion.
68. ZANINOTTO, A Performance on Visuospatial Domains are Improved after Acute Donepezil Intake.
69. MARUTA, C Cognition in Migraine.
70. TAKEUCHI, A Characteristics of behavioural responses measured by the Wessex Head Injury Matrix (WHIM) in different functional diagnoses in severe brain injury.
71. VALEVICA, E Peculiarities of Autonomic Nervous System Function in Migraine Patients with Increased Stress Reactivity in Headache Free Period.
72. LEE, S The Reduction of Anxiety Rate for the Stroke Patients and Caregivers.
11:00 AM–12:00 PM Invited Plenary: The Nature of Music from a Neurobiological Perspective
Speaker: Isabelle Peretz
Europaea

1. PERETZ, I
   The Nature of Music from a Neurobiological Perspective.

1:30–3:00 PM Paper Session 4: Lateralisation and Neural Correlates of Cognition Nordia

1. BOUMA, A
   Effects of Prenatal Testosterone Exposure on Handedness in Children.
2. EVERTS, R
   Language Lateralisation Correlates with Verbal Memory Performance in Children with Focal Epilepsy.
3. HULTEN, A
   Neural Correlates of Word Learning and Forgetting: An MEG Study.
4. MEULENBROEK, O
   Neural Underpinnings of Autobiographical Memory Retrieval in Alzheimer’s Disease.
5. DE BRUIN, E
   Neural Correlates of the Detection of Own and Other’s Errors in Individuals with Psychopathy.

1:30–3:00 PM Invited Symposium: Driving and Cognition Chair: Taina Nybo Europaea

1. NYBO, T
   Driving and Cognition.
2. SCHANKE, A
   Cognitive Driving Evaluations and Brain Damage: What Steps Are Needed in Order to Establish an Evidence Based Practice?
3. LUNDBERG, C
   Older Drivers with Cognitive Impairments-Issues of Detection and Assessment.
4. BROUWER, WH
   Driving Simulator Tests as Part of the Neuropsychological Assessment of Fitness to Drive in Stroke and TBI Patients.

1:30–3:00 PM Symposium 4: Neurocognitive Consequences of Pediatric Risk Conditions Chair: Marit Korkman, Discussant: H. Gerry Taylor Fennia I

1. KORKMAN, M
   Neurocognitive Consequences of Pediatric Risk Conditions.
2. MUNCK, P
   Pre-reading Skills at the Age of 5 years - Comparison of Prematurely and Full-term Born Children.
3. KARVONEN, L
   Longitudinal Study of Neurocognitive Development of Children Born with Extremely Low Birth Weight.
4. SMEDLER, A
   Born Preterm: Socio-emotional Adjustment in Relation to Neuropsychological Functioning at Age 15.
5. PUOSI, R
   Cognitive Development and Behavioral Outcome of Children with Univentricular Heart.
6. USCHAKOFF, A
   Generalized Neurocognitive Effects of Childhood Chronic Heart Disease with Consequent Transplantation.

1:30–3:00 PM Symposium 5: Social Cognition: Investigation of Clinical Profiles Chair: Paul Eslinger Fennia II

1. ESLINGER, PJ
2. MILDEBS, MV
   Social Cognition in Affective Disorders.
3. SPIKMAN, JM
   Deficits in Social Cognition Related to Location of Frontal Lesions in TBI Patients.
4. ESLINGER, PJ
   Social Cognition in FTD: Converging Cognitive, Executive and Emotional Deficits.

3:00–4:00 PM Poster Session 4: Pediatric, Developmental, Language, Memory, Assessment Nautica

1. ABRISQUETA-GOMEZ, J
   Transcultural Study Cognitive Profile Of Brazilian Seniors.
2. BUNNAGE, M
   NART, WTAR and VCI From The WAIS-III: Do They Measure the Same Thing?
3. CHALER-BAULÉS, R
   Neuropsychological dysfunction pattern in patients with stroke in the left posterior cerebral artery.
4. MATE-KOLE, C
   Validation of the Revised Quick Cognitive Screening Test.
5. EDGINTON, T
   Cognitive and Psychological Sequelae of Hydrocephalus and Spina Bifida: Triangulation of Patient and Carer Perceptions with Neuropsychological Data to Inform Clinical Intervention.
6. ENNOK, M
   Preliminary Estonian Normative Data for the Trail Making Test.
7. IVESON, GL
   Development of a New Neuropsychological Screening Battery for Depression.
8. KAPLOUN, KA
   Verbal Fluency as an Embedded Measure of Effort.
9. KRAMSKA, L
   Adaptation of the NART in Czech speakers – first experiences.
10. LOJEK, E
    Are nonverbal neuropsychological tests culturally determined? The case of the Polish adaptation of the RFFT.
11. MORGADO, J
    Cut-Off Scores in MMSE: A Moving Target?
12. RZEZAK, P
    Sustained attention in brain injury patients: performance on Conners’ CPT.
13. SEMKOVSKA, M
    Long-term neuropsychological effects of electroconvulsive therapy in depression: Systematic review and meta-analysis.
14. WINGBERMÜHLE, E
    Neuropsychological Interpretation of the WAIS-III: Does Intelligence Overlap with Executive Function?
Assessment/Psychometrics/Methods (Child)

15. ARGOLLO-VIEIRA, NS Cross-cultural Adaptation of “NEPSY: Developmental Neuropsychological Assessment”: Brazilian Pilot Study.
16. ARGOLLO-VIEIRA, NS Cross-cultural Adaptation of “NEPSY: Developmental Neuropsychological Assessment”: Criterion Validation with WISC-III.
17. BARTH, AE The Overlap of Different Methods of Identifying Students with Learning Disabilities.
18. MIRANDA, MC Comparative Study between North American and Brazilian children in the Computerized and Manual Versions of the Wisconsin Card Sorting Test.

Autism Spectrum Disorders

19. FINE, IG Social perception in children with Asperger’s, NVLD and controls: an fMRI study.
20. SEMRUD-CLIKEMAN, M Face Perception in Children with Asperger’s Syndrome, NVLD, and Controls using fMRI.

Learning Disabilities/Academic Skills/Developmental Risk Factors

23. DEWEY, D Can a Parent Report Measure of Activities of Daily Living, Play Preferences and Movement Differentiate Children with Developmental Coordination Disorder from Typically Developing Children?
24. BARBOSA, T Development of Cognitive Domains in Dyslexic Children.
25. LAASONEN, M Project DyAdd: Adult Dyslexia and Attention Deficit Disorder in Finland.
27. NUKARI, J Dyslexia Among Adults in a Transparent Orthography – Neuropsychological Profile and Everyday Consequences.
28. PELTOMAA, K Early Recognition and Preventive Intervention for First-Graders at Risk for Reading Failure.
30. TOLEDO-PIZA, CM Comparison of Brazilian Children with Dyslexia and Learning Difficulties in Single Word Reading and Spelling Tasks.
31. FAGERLUND, M Risk and Protective Factors for Mental and Behavioral Well-being in Fetal Alcohol Spectrum Disorders.

Language and Speech Functions/Aphasia

32. ABREU, N Right-Brain Damage Affects Semantic but not Orthographic Word Fluency.
33. BALCONI, M Pragmatic and semantic information interplay in ironic meaning computation: evidence from “pragmatic-semantic” Pf60 effect.
34. BOSE, A Verbal fluency in aphasia: word frequency and semantic similarity.
35. GRAUEL, W Production of Passives in Fluent Aphasia: Effects of Thematic Structure of the Verb.
37. KISELEV , S Investigation of visuospatial abilities in Russian-speaking children with weakness in understanding grammatical structures.
38. LILJESTRÖM, M Comparing MEG and fMRI Views to Naming Actions and Objects.
39. MARUTA, C Memory Complaints and Visual Memory.
40. STROBILIUS, R Interrelations between Semantic and Phonological Domains in Conduction Aphasia (CA).

Pediatric Neuropsychology

41. FARKAS, N Does Normal Brain Imaging Predict Normal Neurodevelopmental Outcome in Fetuses with Proven Cytomegalovirus Infection?
63. MARYNIAK, A
Psychopathologic symptoms in children after surgery for craniopharyngioma.

64. MARYNIAK, A
Cognitive Functions in Girls at Risk for Congenital Adrenal Hyperplasia Treated Prenatally with Dexamethasone.

65. MUSZKAT, M
Morphometric and Neuropsychological Study in Two Pediatric Patients with Callosal Dysgenesis and Cingulate Gyrus Absence.

66. RONQVIST, L

67. SHAVEL-JESSOP, S
Neuropsychological Predictions of Skill Development and Problem Behaviours in Young Adults with Complex Epilepsy and Intellectual Disability.

68. SUMPTER, RE
Adjustment and Quality of Life after Childhood Hydrocephalus and Meningitis.

69. WRIGHT, I
The validity of premorbid IQ estimates in childhood traumatic brain injury (TBI).

70. VAN BRAECKEL, K
A Pathogenic Model for Impaired Elementary Visuomotor Processes in Very Preterm Children.

71. CASTANEDA, AE
Cognitive Functioning Among Adolescents with Inflammatory Bowel Disease.

72. HANNONEN, R
Academic and Verbal Skills in Children with Early Onset Type 1 Diabetes.

4:00–5:30 PM
Symposium 8: Cognitive Profile in Multiple Sclerosis
Chair: Päivi Hämäläinen, Nordia
1. HÄMÄLÄINEN, PI
Cognitive Profile in Multiple Sclerosis.

2. ROSTI-OTAARVI, E
The Paced Auditory Serial Addition Test Performance among Patients with Multiple Sclerosis.

3. LIUHA, S
Patterns of Fatigue in Cognitively Intact patients with MS.

4. IKONEN, A
The Effects of Heat on Cognitive Performance in Patients with Multiple Sclerosis.

5. HUOLMAN, S
Rivastigmine May Have an Effect on Cognitive Fatigue and Related Brain Activation in Multiple Sclerosis.

6. LAATU, S
Positron Emission Tomography Shows Increased Brain Acetylcholinesterase Activity in Multiple Sclerosis Patients with Marked Cognitive Impairment.

4:00–5:30 PM
Invited Symposium: Holistic Neuropsychological Rehabilitation Symposium
Chair: Sanna Koskinen, Europaea
1. KOSKINEN, S
Holistic Neuropsychological Rehabilitation Symposium.

2. CAETANO, C
The Physical Context of Rehabilitation: Is There a Healing Architecture?

3. KÜHNE, W
Establishing a Therapeutic Milieu - Theory and Practice.

4. VINK, M
Coping with Brain Injury: Theoretical Aspects and Clinical Findings in Holistic Neuropsychological Rehabilitation.

5. SARAJUURI, J
Many Pathways to Productive Living via Holistic Rehabilitation.

4:00–5:30 PM
Symposium 6: Training Reading Fluency: What does Research Have to Say?
Chair: Mikko Aro, Fennia I
1. HUEMER, SM
Training Reading Fluency: What does Research Have to Say?

2. SNELLINGS, P
The Effects of Reading Acceleration Training on Visual-Auditory Integration and Reading Fluency of Reading Disabled Children.

3. TIJMS, J
Training Reading Fluency in Children with Dyslexia: Explicit, Rule-Based Learning versus Implicit, Associative Learning.

4. ARO, M
Repeated Reading of Syllables among Finnish-Speaking Poor Readers.

5. HAUTALA, J
Reading of Syllables Led to a Reduced Number of Fixations among Poor Readers.

4:00–5:30 PM
Symposium 7: Neuropsychology in Psychiatric Disorders
Chair: Annamari Tuulio-Henriksson, Fennia II
1. TUULIO-HENRIKSSON, A
Neuropsychology in Psychiatric Disorders.

2. TORNAINEN, M
Sex Differences in Cognition among Schizophrenia Patients.

3. ANTILA, M
The Effect of Information Processing Speed on Cognitive Functioning in Patients with Familial Bipolar I Disorder and Their Unaffected Relatives.

4. CASTANEDA, A
Cognitive Functioning among Young Adults with Depressive or Anxiety Disorders.

5. THERMAN, S
The Relationship between Psychotic-Like Symptom Intensity and Cognitive Performance among Adolescents at Heightened Risk for Psychosis.

6. LATVALA, A
Cognitive Functioning in Substance Abuse and Dependence: A Population-Based Study of Young Adults.
5:30–6:30 PM Invited Plenary: Brain Basis of Social Interaction  
Speaker: Riitta Hari  
*Europaea*

1. HARI, R  
Brain Basis of Social Interaction.

6:30–7:00 PM INS Business Meeting  
*Europaea*

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**SATURDAY, AUGUST 1, 2009**

12:00–1:00 PM Invited Plenary: Episodic Memory-2009  
Speaker: Endel Tulving  
*Grande*

1. TULVING, E  
Episodic Memory-2009.

2:30–4:00 PM Symposium 9: Psychological Adjustment to Acquired Brain Injury  
Chair: Michael Schönberger, Discussant: Ritva Laaksonen  
*Grande*

1. SCHÖNBERGER, M  
Psychological Adjustment to Acquired Brain Injury.
2. OWNSWORTH, T  
Occurrence of Sentinel Events and Emotional Adjustment During the Hospital to Home Transition Following Acquired Brain Injury.
3. SCHÖNBERGER, M  
Psychological Adjustment to Traumatic Brain Injury in the Early Phase of Community-Based Rehabilitation.
4. ARENA, K  
Self-Discrepancy, Emotional Distress, and Functioning in Traumatic Brain Injury.
5. WILLIAMS, WH  
The Role of Social Identity in Determining Outcomes After Acquired Brain Injury.

2:30–4:00 PM Paper Session 5: - Developmental Consequences of Prematurity or Brain Damage  
*Bolero*

1. YEATES, K  
Premorbid Child and Family Functioning as Predictors of Post-Concussive Symptoms in Children with Mild Traumatic Brain Injuries.
2. MILLER, HE  
Hierarchical Linear Modelling of the Effects of Injury Severity, Time, Age and Gender on Verbal and Non-Verbal Memory, Following Paediatric Severe/Moderate and Mild Traumatic Brain Injury (TBI).
3. VAN BRAECKEL, K  
Neuropsychological Outcome at School Age of Preterm Children with Periventricular Hemorrhagic Infarction: An Optimistic View.
4. LUNDEQUIST, A  
Neuropsychological Profiles in 5 ½ Year Old Children Born Preterm: Medical Risk and Long-term Outcome.
5. AHONNISKA-ASSA, J  
Neurocognitive and Behavioral Profile of Children Affected with Posterior Fossa (PF) Tumors.

2:30–4:00 PM Paper Session 6: Cognitive Assessment  
*Duetto*

1. TATE, R  
The Functional Independence Measure for People with Traumatic Brain Injury: How Good is the Cognitive Scale for Measuring Neuropsychological Impairments?
2. MONTANES, P  
Semantic and Phonological Fluency in Colombian AD Patients.
3. JANSAI, A  
Using Virtual Reality for Ecologically-Valid Assessment of Executive Functions.
4. SILBERG, T  
Theory of Mind Task in Children after TBI: What Can Picture Arrangement Cartoons Tell Us about Evaluation of Others’ Mental States?
5. CHEVIGNARD, MP  
Development of an Open-Ended Ecological Task to Assess Executive Functioning in Children Post TBI: a Cooking Task.

4:00–4:30 PM Closing Ceremony  
*Grande*