12th World Congress on Brain Injury

Column 1	Grand Ballroom AB
Column 2	Grand Ballroom D
Column 3	Grand Ballroom E
Column 4	Grand Chenier

WEDNESDAY, March 29, 2017 (Pre-Congress Day)

7:00am-6:00pm	Early Registration (5th Floor)						
	Pre-Congress Workshops - Morning						
8:15am-12:15pm	Transforming TBI Management for Youth: Beyond Acute to Advancing Function in the Long Term Organized by the International Paediatric Brain Injury Society (IPBIS) Chair: Lori Cook Maria Johnson Shari Wade Gary Bedell Session ID: PreA	Evidence Based Assessment and Treatment of Concussion Organized by the North American Brain Injury Society (NABIS) Chairs: John Leddy, Barry Willer John Leddy Barry Willer Michael Ellis Christina Master Session ID: PreB	The Minimal Competency Guidelines for Rehabilitation of Persons with Disorders of Consciousness Organized by the Disorders of Consciousness Special Interest Group (DOC-SIG) Chair: Risa Nakase-Richardson Joseph T. Giacino John Whyte Flora Hammond Amy Shapiro-Rosenbaum Douglas I. Katz Session ID: PreC	Biomarkers of Traumatic Brain Injury – An Update Chair: Olli Tenovuo Olli Tenovuo Denes V. Agoston Jussi Posti Ramon Diaz-Arrastia Damir Janigro* Session ID: PreD			
40.45.4.00	Lunch on Your Own						
12:15–1:30pm	Luiidi oli Toui Owli						
		Pre-Congress Worksh	nops - Afternoon				
1:30-5:30pm	Emerging Neuromodulation Techniques for the Treatment of Post-Traumatic Cephalalgias Chair: Nathan Zasler Marcie Bockbrader Min Jeong Park Graf Joseph Rosenthal	A Picture is Worth a Thousand Words (When There is a Common Language): Overcoming Obstacles in TBI Neuroimaging Research Chair: Erin D. Bigler Martha E. Shenton Elisabeth Wilde David F. Tate Sylvain Bouix Inga K. Koerte	Concussion in Children and Youth in 2017: Current Evidence and its Relevance to Evidence-based Practice Chair: Vicki Anderson Keith O. Yeates Karen Barlow Audrey McKinlay	Treating Fatigue and Sleep Disturbance Following Brain Injury with Cognitive Behavioral Therapy Chair: Jennie Ponsford Dana Wong Adam Mckay			
	Session ID: PreA2	Session ID: PreE	Session ID: PreF	Session ID: PreG			
5:45–7:45pm	Industry Organized Satellite Current Approaches to Practical Comprehensive Spasticity Management Cindy B. Ivanhoe, Katharine E. Alter, Stuart Yablon, Laura Wiggs Grand Ballroom C (5th Floor)						

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Column 4	Grand Ballroom E
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THURSDAY, March 30, 2017

7:00am-6:00pm	Registration Open (5th Floor)					
7:00am-8:15am		Light Breakfast and Coffee with Exhibitors in the Exhibit Hall (3rd Floor)				
8:15am–8:30am	Welcome and Official Opening of the 12th World Congress on Brain Injury Young Investigator Award - Matthew Peters Early Career Investigator Award - Jasmeet Hayes Grand Ballroom A-C (5th Floor)					
8:30am-9:30am	Keynote Lecture: Recent Changes in Traumatic Brain Injury Patient Characteristics Care Processes and Outcomes in England and Wales Fiona Lecky Grand Ballroom A-C (5th Floor) Session ID: Key1					
9:30am-10:30am	Poster and Rapid Report Session 1 - Networking Coffee Break (3 rd Floor) (See Congress App and daily hand-out for Poster and Rapid Report Presentation List)					
10:30am-12:00pm	Technology-assisted Interventions for Pediatric Brain Injury (SYMPOSIUM) Chair: Shari L. Wade Lynn Babcock Gary Bedell Catrin Rode*	Traumatic Tauopathy (SYMPOSIUM) Chair: Barry Jordan Richard Tsai Barry Jordan	Cognition and Brain Injury (ACCEPTED PAPERS) Moderator: John Corrigan 187 - Cognitive Complaints Two Years after TBI in Adults: Preliminary Data from a Longitudinal Cohort Study Simon Beaulieu-Bonneau 354 - Cognitive Recovery Trajectories Over the First 5 Years Following Moderate to Severe TBI Solrun Sigurdardottir 275 - Effects of mTBI and PTSD on ANAM Performance in OEF/OIF Active Duty Soldiers Lisa Betthauser 180 - Factor Analysis of the Everyday Memory Questionnaire in Persons with Traumatic Brain Injury Angelle M. Sander 648 - Apolipoprotein E epsilon 4 (ApoE-	Sleep and Fatigue After Brain Injury (ACCEPTED PAPERS) Moderator: Kathleen Bell 173 - Fatigue Following mTBI: A Six- Month Prospective Cohort Study Sandra Rakers 110 - Fatigue After TBI Is Linked to Altered Striato-Thalamic-Cortical Functioning Nils Berginström 175 - Pathological Fatigue in Young Survivors of Acquired Brain Injury Anne Norup 436 - The Hull-Ellis Concussion and Research Clinic: The Sleep and Concussion Questionnaire©; A Preliminary Longitudinal Analysis of Sleep and Day-time Wakefulness Catherine Wiseman-Hakes	Advances in Neurotrauma Evaluation and Management (ACCEPTED PAPERS) Moderator: John Whyte 37 - Acute Ischemic Stroke Following Moderate to Severe TBI: Incidence and Impact on Outcome Robert G. Kowalski 586 - Evaluation of Modifiable and Non-Modifiable Risk Factors Associated with Readmissions in Patients with Acute Traumatic Brain Injury Routinely Discharged from Inpatient Care Using a Nationwide Database Anthony Asemota 154 - Paroxysmal Sympathetic Hyperactivity in Severe Traumatic Brain Injury Manish Joseph Mathew	
	Session ID: SYM1	Session ID: SYM2	e4) Genotype Is Associated with Decreased Six-month Verbal Memory	240 - Exploring Accelerometery Versus	562 - Comparison of Predictability of Marshall, Rotterdam and Helsinki CT	

			Performance after Mild Traumatic Brain Injury: A TRACK-TBI Pilot Study John Yue 380 - Influence of Brain Derived Neurotrophic Factor Polymorphism on White Matter Microstructural Recovery in mTBI – A Radiogenomic Study Vairavan Narayanan 541 - Disrupted Functional Connectivity in Emotional and Executive Networks in Chronic Symptom Traumatic Brain Injury Maheen Adamson 585 - Neural Substrate of Working Memory Improvement Following Methylphenidate and Cognitive-Behavioral Therapy for Cognitive Symptoms after TBI Brenna McDonald	Questionnaire Assessment of Sleep in Youth with Concussion Ivona Berger 474 - The Effect of Sleep Disruption on mTBI in an Animal Model Michael Schwartz 550 - Disrupted Sleep Predicts Next Day Agitation in Moderate to Severe Traumatic Brain Injury Christina Draganich 555 - Treating Disrupted Sleep on a TBI Unit with a Sleep Hygiene Intervention: A Feasibility Study Kimberley Monden	Scan Scoring System in Determining Early Mortality after TBI Juan D. Ochoa 340 - Family Members Experience with In-Hospital Health Care after Severe Traumatic Brain Injury Unn Sollid Manskow 282 - Triage of Mild/Moderate Traumatic Head Injured Patients Using a Brain Electrical Activity Marker: A Multisite Prospective Validation Trial of Clinical Efficacy* Leslie Prichep Session ID: AP5A
12:00pm–1:30pm			Lunch on Your Own		
1:30pm-3:00pm	Traumatic Brain Injury and Crime: Perspectives from Europe, North America and Southern Africa (SYMPOSIUM) Chair: Huw Williams Wayne A. Gordon Leigh Schrieff-Elson Session ID: SYM3	You Can't Assess Treatment Efficacy if You Can't Define the Treatment: Challenges and Solutions in Specifying Non-Pharmacologic Treatments (SYMPOSIUM) Chair: John Whyte Tessa Hart Marcel Dijkers Session ID: SYM4	Depression after Brain Injury (ACCEPTED PAPERS) Moderator: Grahame Simpson 625 - Morbid Thoughts Decrease on Individuals with Concussion History After An 8-Week Educational Program Francisco Ramirez 280 - TBI and Risk of Depression Hannah Bowlin 590 - Exploring the Biological and Clinical Effect of Depressive Symptoms in Youth Following Concussion Rachelle Ho 610 - Depression Post-Head Injury: Severity of Somatic Depressive Symptoms Associated with Sympathetic Underarousal Sean Robb 428 - Traumatic Brain Injury Alters Physiologic, But Not Subjective, Responses to Emotional Stimuli Prin Amorapanth	Neuroimaging of TBI (ACCEPTED PAPERS) Moderator: Ross Zafonte 161 - Detecting Effects of Subconcussive Impact on Brain Functioning Using Advanced Perfusion MRI Yang Wang 236 - The Influence of Traumatic Axonal Injury on Level of Consciousness: A Clinical MRI Study Hans Kristian Moe 81 - Corpus Callosum Damage in Traumatic Brain Injury: Incidence and Role in Short-term Outcome Xiaomeng Li 392 - Local Diffusion Imaging Connectometry in United States Service Members with Mild TBI and PTSD David Tate 522 - DTI in Orthopedic Injury Patients Differs from Uninjured Participants but Not from mTBI Patients Harvey Levin	Advances in the Basic Science of Brain Injury (ACCEPTED PAPERS) Moderator: Olli Tenovuo 494 - Improving the Clinical Management of Traumatic Brain Injury through the Pharmacokinetic Modeling of Peripheral Blood Biomarkers Aaron Dadas 385 - Sphingosine 1-phosphate Receptor Subtype 1 (S1PR1) as a New Therapeutic Target for Brain Trauma Salvatore Cuzzocrea 89 - Folic Acid Ameliorates Hyperhomocysteinemia-exacerbated Short-term Memory Reduction after Traumatic Brain Injury Nino Muradashvili 501 - Development of Intravenous Imatinib Treatment for TBI Chris Chou 371 - 'Brain Glue' for the Acute

			104 - The Neurotrophic Hypothesis of Depression Revisited Boudewijn Bus 159 - Aspects of Striatal Engagement in TBI Depression Ekaterina Dobryakova 420 - Depression, Cognition, and Dopamine Genetics: Piecing Together the Complicated Puzzle of Behavior Following Traumatic Brain Injury Shannon Juengst Session ID: AP3B	210 - A Systematic Review and Best Evidence Synthesis of Brain Biomarkers in Children and Youth with mTBI Julia Schmidt 579 - Status Report on Magnetic Resonance Imaging (MRI) Quantification in the Chronic Effects of Neurotrauma Consortium Erin D. Bigler 135 - A Longitudinal Resting-State fMRI Study on Posttraumatic Complaints and The Effects of An Early Psychological Intervention in Patients with mTBI Harm van der Horn Session ID: AP4B	Treatment of Severe Traumatic Brain Injuries Lohitash Karumbaiah 139 - Reducing Cellular Damage in Traumatic Brain Injury Using Ubiquinol Janet Pierce Session ID: AP5B
3:00 - 3:15pm			Break		
3:15 - 4:45pm	National Collaborative on Childhood Brain Injury: Current Efforts to Address Critical U.S. Public Policy Issues (SYMPOSIUM) Chair: Drew Nagele Karen McAvoy Ann Glang Stephen Hooper	Everybody is Different: The Influence of Personal Factors on Outcome after Acquired Brain Injury (SYMPOSIUM) Chair: Caroline van Heugten Jacoba Spikman Joukje van der Naalt	Neurodegeneration and Chronic Traumatic Encephalopathy (ACCEPTED PAPERS) Moderator: Jessica Trier 517 - Age at First Exposure to Repetitive Head Impacts Is Associated with Smaller Thalamic Volumes in Former Professional Football Players Vivian Schultz 491 - Hippocampus and Cingulate Gyrus Volume Reductions are Associated with Neurobehavioral Dysfunction in Former NFL Players Chris Lepage 516 - Increased Gray Matter Fractional Anisotropy in the Left and Right Occipital Lobe in Symptomatic Former Professional Football Players Vivian Schultz 245 - Effects of TBI on Neuropsychological Tests and MRI Scans in the Framingham Study Matthew D. Huang 369 - Accelerated Changes in Cortical Thickness in Military Service Members with Traumatic Brain Injury Brian Taylor	Emotional and Behavioral Health after Brain Injury (ACCEPTED PAPERS) Moderator: Jeanne Hoffman 222 - From Miserable Minority to the Fortunate Few: The Other End of The Mild Traumatic Brain Injury Spectrum Myrthe de Koning 402 - Psychological Mechanisms Underlying Post-Concussion Syndrome Following Mild Traumatic Brain Injury Yermi Harel 182 - The Effect of Post-Traumatic Stress Disorder Related Symptoms on Longitudinal Neuropsychological Performance and Brain Volume Shannon McNally 413 - Violence-related TBI Teemu Luoto 220 - Neuropsychological Interventions for Treating Neuropsychiatric Consequences of Acquired Brain Injury: A Systematic Review Peggy Spauwen 628 - Emotional Intelligence Improves in 8 Weeks in Participants with History of Head Injury	The Interaction Between Brain, Gut, & Microbiome and Implications Regarding Short and Long-term Recovery Post-Brain Injury (SYMPOSIUM) Chair: Lisa Brenner Chris Lowry Gerard Clarke
	Session ID: SYM5	Session ID: SYM6		Francisco Ramirez	Session ID: SYM14

			432 - mTBI is Associated with Reduced Cortical Thickness in Those at Risk for Alzheimer's Disease Jasmeet Hayes	2 - The Influence of Alexithymia, Depression and Anxiety on Aggression After Brain Injury* Dawn Neumann		
			630 - Hippocampal Vulnerability After Diffuse TBI: Histological Analysis Victor H. Moreno			
			528 - Cerebral Waste Accumulation and Glymphatic Clearance as Mechanisms of Human Neurological Diseases Aaron Dadas			
			Session ID: AP3C	Session ID: AP4C		
4:45 - 5:45pm	Poster and Rapid Report Session 2 - Networking Break (3 rd Floor) (See Congress App and daily hand-out for Poster and Rapid Report Presentation List)					
5:45-6:45pm	Keynote Lecture: How to Help Preadolescents with TBI Develop Executive Functions to Prevent Later Behavioral Problems Organized by the International Paediatric Brain Injury Society (IPBIS) Lucia W. Braga Grand Ballroom A-C (5th Floor)					
	Session ID: KEY2					
7:00 - 8:30pm	Welcome Reception Armstrong Ballroom (8th Floor)					

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FRIDAY, March 31, 2017

7:00am-6:00pm	Registration Open (5 th Floor)					
7:00am-8:15am		Light Breakfast and Coffee with Exhibitors in the Exhibit Hall (3rd Floor)				
8:15am–8:30am	Daily Address by Congress President and IBIA Chairman Top Scoring Abstract Awards IBIA Distinguished Service Award - Nathan Zasler Grand Ballroom A-C (5th Floor)					
8:30am-9:30am	Keynote Lecture: Post-Traumatic Headache: Concepts, Caveats and Controversies Nathan Zasler Supported by Spaulding Rehabilitation Hospital Grand Ballroom A-C (5th Floor) Session ID: KEY3					
9:30am-10:30am	Poster and Rapid Report Session 3 - Networking Coffee Break (3rd Floor) (See Congress App and daily hand-out for Poster and Rapid Report Presentation List)					
10:30am-12:00pm	Emerging Concepts in Sport-Related Concussion: Overview and Data from the Concussion Assessment, Research, and Education (CARE) Consortium (SYMPOSIUM) Chair: Thomas McAllister Steven P. Broglio Michael McCrea	The Clinical Standards for Mild TBI Management and Treatment in the US Military Health System (SYMPOSIUM) Chair: Saafan Malik Katherine Helmick Katharine Stout Louis French Session ID: SYM8	Predictors and Emerging Assessments of TBI Outcomes (ACCEPTED PAPERS) Moderator: Jenny Bogner 227 - Development of a Prediction Model for Post-Concussive Symptoms following mTBI: A Track-TBI Pilot Study Maryse C. Cnossen 415 - Predictors for Return to Work and Post-Concussion Symptoms in Subjects with Mild Traumatic Brain Injury Eirik Vikane 554 - Predicting Mortality after Traumatic Brain Injury: A Prognostic Model Based on Admission Characteristics Jose D. Charry 95 - Incidence of Associated Medical Conditions and Treatment Complications, and Impact on Outcome Following Moderate to Severe Traumatic Brain Injury Robert G. Kowalski	Advances in Brain Injury Rehabilitation (ACCEPTED PAPERS) Moderator: Flora Hammond 486 - Do We Need to Rethink Screening for Post Traumatic Hypopituitarism (PTHP)? Alasdair Fitzgerald 50 - Building a Person-Centered Approach to Acquired Brain Injury Services Chris MacDonell 83 - Development of A Neurorehabilitation Specific Falls Risk Screening Tool Duncan McKechnie 313 - Post-Traumatic Amnesia – How Can It Best Be Measured and Used to Predict Outcome? Jennie Ponsford 192 - Efficacy of Activities of Daily Living Retraining During Posttraumatic Amnesia Jessica Trevena-Peters	Disorders of Consciousness - I (ACCEPTED PAPERS) Moderator: Joseph T. Giacino 324 - Report of the International Brain Injury Association, Disorders of Consciousness Special Interest Group Rita Formisano 345 - Multi-Centric Longitudinal Study on Behavioral and Electrophysiological Diagnostic and Prognostic Markers in Prolonged Disorder of Consciousness "Report of the International Brain Injury Association, Disorders of Consciousness Special Interest Group" Anna Estraneo 297 - The Clinical Diagnostic Utility of Electrophysiological Techniques in Assessment of Patients with Disorders of Consciousness	

Long-term F Traumatic B and Possibl (SYMPOSIU			Session ID: AP3D	Session ID: AP4D	Monitor for Disorder of Consciousness Patients Nathan Intrator 65 - EEG-Based Systems for Assessment and Communication in Persons with a Disorder of Consciousness (DOC)* Brendan Allison Session ID: AP5D
1:30pm-3:00pm An Internati Long-term F Traumatic B and Possibl (SYMPOSIU Chairs: Cecil John Whyte Jennie Ponsi				0000001112171112	3333311.2174.02
Long-term F Traumatic B and Possibl (SYMPOSIU Chairs: Cecii John Whyte Jennie Ponsi	tornational Parameetine or	Decision Support Systems and Daharianal	Lunch on Your Own	TDI in Militany Convince Manufacture and	Digardam of Congainment II
Olli Tenovuo	s: Cecilie Roe, Nada Andelic Whyte e Ponsford pe Azouvi	Decision Support Systems and Behavioral Informatics to Advance Safe, Independent Living in the Home and Community Organized by the Commission on Accreditation of Rehabilitation Facilities (CARF) (SYMPOSIUM) Chair: Ronald T. Seel Ronald T. Seel Holly B. Jimison	Sports Concussion - I (ACCEPTED PAPERS) Moderator: Grant Iverson 404 - The Accumulation of Subconcussive Impacts Across a Single Season of Division I Football Alexa Walter 465 - Subconcussive Head Impact History as a Factor in Concussion Onset Brian D. Stemper 594 - Role of Subconcussive Head Impacts Exposure in Onset of Concussion on Day of Injury	TBI in Military Service Members and Veterans - I (ACCEPTED PAPERS) Moderator: Kathleen Carlson 365 - The Health System Benefit of TBI Care in Europe Stephanie M. Panker 370 - Using Virtual Health to Increase Access and Ease for Patients in Europe Robert Lucania 183 - Screening for Hormonal Deficiencies in Serum from U.S. Marines with Blast- Related mTBI: Preliminary Findings	Disorders of Consciousness - II (ACCEPTED PAPERS) Moderator: Risa Nakase-Richardson 473 - The Prognostic Value of the Coma Recovery Scale - Revised Caroline Schnakers 335 - Impact of Clinical Complications on Long-Term Outcome in Prolonged Disorders of Consciousness Anna Estraneo 327 - Comparison of Treatment for Disorders of Consciousness (DOC)

			488 - Evaluation of Time-Varying Aspects of Head Impact Exposure in Youth Athletes Jillian Urban 265 - Video and Clinical Screening National Rugby League Players Suspected of Sustaining Concussion Magda Wojtowicz 300 - Sport Concussion Assessment Tool 3: Interpreting Day of Injury Scores in Professional Ice Hockey Players Teemu Luoto	67 - A Mixed Methods Approach to Study the Effectiveness of a Primary Care Progressive Return to Activity Protocol After Acute mTBI/Concussion in the Military Emma Gregory 662 - Lifetime History of TBI among Soldiers Returning from OEF/OIF Deployments Lisa Betthauser 551 - Long-term Health Outcomes Associated with TBI in Post-9/11 Veterans: TBI Severity or Comorbidity? Mary J. Pugh 212 - Competitive Employment Outcomes in Veterans with TBI: A VA TBIMS Study Marc A. Silva 203 - Employment Stability in Veterans with TBI: A VA TBIMS Study Bridget Cotner	Across Countries – Results of an International Survey Petra Maurer-Karattup 339 - Effect of Circadian Rhythm Optimization on Behavioural and Event Related Potential Responses in Prolonged Disorders of Consciousness Kudret Yelden 355 - Transcranial Direct Current Stimulation in Prolonged Disorders of Consciousness: A Randomized Controlled Pilot Study Luigi Trojano 107 - Controlled Clinical Trial of 4 Weeks of Home-Based tDCS In Patients with Chronic Minimally Conscious State Géraldine Martens 399 - Patients' Ways of Knowing: Narrative Truth in The Accounts of Families of Vegetative and Minimally Conscious Patients After Serious Brain Injury Fiona Webster 476 - Disorders of Consciousness Family Education Materials: Information, Gaps and Dissemination Chris Carter
0.00 0.45			Break		
3:00 – 3:15pm 3:15 - 4:45pm	Extending our Knowledge of Long- Term Outcomes After Severe TBI: Three DOC TBI Model System Studies (SYMPOSIUM) Chair: Risa Nakase-Richardson Robert G. Kowalski Flora Hammond Douglas Katz	Long-term Outcomes for Children with Traumatic Brain Injury (SYMPOSIUM) Chair: Audrey McKinlay Vicki Anderson Linda Ewing-Cobbs Session ID: SYM13	Sports Concussion - II (ACCEPTED PAPERS) Moderator: Jonathan Silver 563 - Cerebral Blood Flow Correlates of Acute Symptoms after Sport Concussion Nathan Churchill 406 - Comparison of Symptomology, Symptom Resolution Time, and Return to Play Time between Concussions Sustained in the Same Academic Year Sara Dalton	TBI in Military Service Members and Veterans - II (ACCEPTED PAPERS) Moderator: Andrew Hoisington 584 - The Utility of SPECT-CT and PET-CT in the Diagnosis of TBI at the VA Caribbean Healthcare System (VACHS): Retrospective Descriptive Study Coral Reyes-Rosario 157 - TBI During Deployment to a Combat Zone Results in Long Term Chronic Headache James Couch	Neurotechnology in Rehabilitation (ACCEPTED PAPERS) Moderator: Kelly Steams 508 - Computerized Cognitive Rehabilitation Outcome in Neurological Populations: A Systematic Review of Recent Research Eric Larson 30 - Turning on the Lights in TBI: Applying Smart-Home Technology in a Residential Environment. Turning on the Lights in TBI:

		272 - Impaired Cerebral Vasoreactivity Persists Beyond Symptom Resolution Following Concussion in Collegiate Athletes Sushmita Purkayastha 366 - Do Concussion Dosage, Gender or Reported Symptoms Affect Long-Term Cognitive Performance and Stop-Signal Reaction Times Following Sports-Related Concussion/MTBI In University Rugby Players? Huw Williams 204 - Neurological Outcomes in Australian-Rules Footballers with A History of Sports-Related Concussion Sandy Shultz 287 - Electrophysiological Changes in Retired Australian Rugby Players with A History of Repeated Sports Concussion. A Study Using Transcranial Magnetic Stimulation Alan J. Pearce 637 - Effects of Concussion History on Driving Behaviors Kathryn O'Connor 284 - Evaluation of Concussion in Athletes Using an Electrophysiological Brain Function Index* Leslie Prichep Session ID: AP3F	72 - Incidence and Trajectory of Obesity in Veterans and Service Members with TBI: A VA TBI Model Systems Study Racine M. Brown 79 - The Role of Maladaptive Emotion Regulation Strategies in UK Military Veterans with Co-Occurring TBI And PTSD Huw Williams 299 - Executive Function Training in Veterans with PTSD and Mild TBI Tatjana N. Agopian 607 - Treatment for PTSD May Normalize Functional Connectivity Patterns in Veterans with mTBI and PTSD Mary Newsome 650 - The Relationship Between Moral Injury and Persistent Mental and Physical Health Symptoms Among Veterans with Mild Traumatic Brain Injury Ryan Stephenson 238 - Two Promising Evidence-Based Interventions for Suicide Prevention among Veterans with Moderate to Severe TBI Lisa Brenner	Applying Smart-Home Technology in a Residential Environment Dana Larson 130 - Developing Immersive Dual-Tasks in the Computer Assisted Rehabilitation Environment (CAREN) for the Assessment of Service Members with Comorbid mTBI and Posttraumatic Stress Disorder Sarah Kruger 338 - Preliminary Feasibility of Smartphone Technology to Assess Participation Following TBI Kristin Graham 506 - Application of Virtual Environments in a Multi-Disciplinary Day Neurorehabilitation Program to Improve Executive Functioning Using the Stroop Task Marie N. Dahdah 162 - Development of Silicon Nanowire Technology for Biomarker Testing* Sergey A. Dryga 362 - Training with Adaptive Body-Controlled Virtual Reality Following ABI for Improving Executive Functions* Alit Stark-Inbar Session ID: AP5F		
4:45 – 5:45pm		nd Rapid Report Session 4 - Networking Break upp and daily hand-out for Poster and Rapid Repo				
5:45pm-6:45pm	Keynote Lecture: Recovering Consciousness after Severe Brain Injury: From Science to Clinic Organized by the Disorders of Consciousness Special Interest Group (DOC-SIG) Martin Monti Grand Ballroom A-C (5th Floor) Session ID: KEY4					
7:00pm-8:00pm		Unmasking Brain Injury Reception Napoleon Ballroom (3 rd Floor)				

Column 1	Grand Ballroom C
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SATURDAY, April 1, 2017

7:00am-3:00pm	Registration Open (5th Floor)				
7:00am-8:15am	Light Breakfast and Coffee with Exhibitors in the Exhibit Hall (3rd Floor)				
8:15 — 8:30pm	Daily Address by Congress President and IBIA Chairman Henry S. Stonnigton Award for Best Papers in Brain Injury 2017 Lifetime Achievement Award - Christine Croisiaux Supported by Tree of Life 2017 Jennett Plum Award for Clinical Achievement in the Field of Brain Injury Medicine - Jeffrey S. Kreutzer Grand Ballroom A-C (5th Floor)				
8:30am-9:30am	Jennett Plum Lecture: Lessons Learned about Caregivers after Traumatic Brain Injury Jeffrey S. Kreutzer Supported by Avanir Grand Ballroom A-C (5 th Floor) Session ID: KEY5				
9:30am–10:30am	Poster and Rapid Report Session 5 - Networking Coffee Break (3 rd Floor) (See Congress App and daily hand-out for Poster and Rapid Report Presentation List)				
10:30am-12:00pm	Family, Caregiving, and Community (ACCEPTED PAPERS) Moderator: Lisa Betthauser 23 - "I'm Trying to Be the Safety Net": Family Protection of Patients with TBI During the Hospital Stay Tolu Oyesanya 461- The Multiple Roles Families Play, Including Unpaid Healthcare Providers, after Severe Brain Injury Laura E. Gonzalez-Lara 166 - Caregiver Outcome: Impact of Caregiver Personality and Patient Personality Change Anne Norup 266 - A Predictive Model of Resilience Among Family Caregivers Supporting Relatives	Pediatric and Adolescent Brain Injury and Rehabilitation (ACCEPTED PAPERS) Moderator: Ann Glang 8 - Report to Congress on the Management of TBI in Children Juliet Haarbauer-Krupa 665 - Burden of Paediatric Traumatic Brain Injuries: Single Centre Experience over 3 Years Deepak Agrawal 223 - Paediatric Intentional Head Injuries in the Emergency Department: A Multicentre Prospective Cohort Study Stephen Hearps 638 - Outcome of Children after Traumatic Brain Injury - First Results of the	Mild TBI (Civilian) (ACCEPTED PAPERS) Moderator: Hal Wortzel 412 - The Scandinavian Guidelines for Initial Management of Minimal, Mild, and Moderate TBI in Adults: A Prospective Validation Study Teemu Luoto 531 - Post-concussive Symptoms the First Year after mTBI: Preliminary Results from A Large Prospective Cohort Study Migle Karaliute 206 - Brainstem Auditory Evoked Potentials (BAEP) as Diagnostic and Prognostic Neurophysiological Markers in Patients with Brain Concussion Diana Tsakova	Epidemiologic and Public Health Perspectives on TBI (ACCEPTED PAPERS) Moderator: Alan Weintraub 454 - Epidemiology of Head and Face Injuries in National Collegiate Athletic Association Student-Athletes Erin Wasserman 487 - Epidemiology of Associated Medical Conditions and Treatment Complications in Patients Receiving Inpatient Rehabilitation for TBI in The U.S. Jessica Ketchum 502 - Barriers to Physical Activity Among Individuals with TBI One Year Post-Injury: A TBI Model Systems Study Jilian O'Neill	Vascular Brain Injury (ACCEPTED PAPERS) Moderator: Lyn Turkstra 626 - Which Patients Hospitalised with Acute Stroke Receive Risk Modification Advice: Findings from A National Audit of Acute Services Steven M. McPhail 505 - Rehabilitation Interventions for Improving Health-Related Quality of Life After Stroke: A Systematic Review and Meta-Analysis Marieke Visser 229 - Impaired Physical Fitness and Unfavorable Physical Behavior in the First Year after Aneurysmal Subarachnoid Hemorrhage Wouter Harmsen

	with TBI in Australia: A Structural Equation Modelling Approach Malcolm Anderson 290 - The Contribution of Resilience and Personality to The Psychological Adjustment of Family Members Caring for Relatives with Severe Traumatic Brain Injury Maysaa Daher 529 - Do Ways of Coping Vary with Respect to Resilience Among Family Members Supporting Relatives with TBI? Grahame Simpson	CREACTKids Study (On Behalf of the CREACTIVE Consortium) Isaac Lazar 33 - Substance Use, Criminal Behaviour and Psychiatric Symptoms following Childhood Traumatic Brain Injury: Findings from the ALSPAC Cohort Eleanor Kennedy 431 - Response Inhibition Deficits Are Associated with Disrupted Intrinsic Connectivity of the Cortical Motor Network after Pediatric Traumatic Brain Injury Stacy Suskauer	614 - Low Frequency of Cognitive Decline or Impairment In Acutely Concussed Patients Paul Comper 439 - Comparison of the Buffalo Concussion Treadmill Test (BCTT) and Buffalo Concussion Bike Test (BCBT) for the Evaluation of Exercise Intolerance Andrea Hinds 587 - Impact of Comorbid Conditions on Persistent Concussion Symptoms Laura Langer 56 - Return to Work, Absenteeism, And Presenteeism After mTBI Noah Silverberg 35 - Health-Related Quality of Life, Social Participation and Coping Strategies Two Years After Mild or Moderate/Severe TBI Kristina Gravel	500 - Obesity Among Individuals with Moderate-Severe TBI: A Large-Scale Examination of Weight Classification Prevalence and Factors Associated with Problem Weight Across 1, 2, 5, 10, 15, and 20 Years Post TBI Using the TBI Model Systems National Database Laura Dreer 356 - Implications of Key Differences in Military and Civilian TBI Cohorts Admitted for Inpatient Rehabilitation: A VA and NIDILRR TBI Model System Study Risa Nakase-Richardson 466 - Race/Ethnicity Predicts Retention in Traumatic Brain Injury Outcomes Research: A Traumatic Brain Injury Model Systems National Database Study Angelle M. Sander 117 - History of Abuse and TBI In Female Offenders Conall O'Rourke	477 - Hormonal Alterations and Outcome Following Stroke in Women Jessica Ashley 231 - Temporal Evolution of Poststroke Cognitive Impairment Using the Montreal Cognitive Assessment Caroline Van Heugten 460 - Augmentative and Alternative Communication Intervention in Patients with Aphasia Caroline Schnakers 209 - Virtual Reality Efficacy During Zero Gravity Arm Training in Post Stroke Patients Maria Kovyazina 64 - Closing the Loop in Movement Rehabilitation: Results from Stroke Therapy That Includes EEG-Based Measures of Movement Imagery* Fan Cao
12:00pm-1:30p		Gession ID. At 311	Lunch on Your Own	Gession ID. At 40	OGSSION ID. AT 30
1:30pm-3:00p	Social Cognition Rehabilitation Advances for Researchers and Clinicians (SYMPOSIUM) Chair: Leanne Togher Sheila MacDonald Barbra Zupan Carl Coelho Sarah Tran Louise Keegan	Pediatric and Adolescent Concussion (ACCEPTED PAPERS) Moderator: Scott Laker 457 - Brain Deformation of Youth Athletes During Subconcussive Head Impact Joel D. Stitzel 281 - Predictive Ability of the SCAT3/ChildSCAT3 for Paediatric Concussion in an ED Setting Cathriona Clarke 174 - Pediatric Concussion Evaluation in Europe: Military Medical Providers Leading the Way George Smolinski 574 - WATCH Me Go: Activity in Children Following Concussion and Its Association with Outcome Suhyeon Park	Mild TBI Biomarkers and Imaging (Civilian) (ACCEPTED PAPERS) Moderator: Jose Leon-Carrion 408 - Neuroinflammation Following Traumatic Brain Injury: A Positron Emission Tomography Study Olli Tenovuo 298 - Combination of Protein Blood Biomarkers to Differentiate Ct-Scan Results in Mild Traumatic Brain Injury Jean-Charles Sanchez 333 - Plasma Exosomal Biomarkers for mild TBIs and Post Concussive Syndrome Jessica Gill 376 - Neurometabolites Alteration in the Very Early Phase of Mild Traumatic Brain Injury (mTBI)- an In-Vivo Proton Magnetic Resonance Spectroscopy (1H-MRS) Study Vairavan Narayanan	Acquired Brain Injury (ACCEPTED PAPERS) Moderator: Douglas I. Katz 233 - Cognitive Impairments and Subjective Cognitive Complaints During the First Year after Surviving a Cardiac Arrest Caroline Van Heugten 294 - Can the Deficits in Working Memory of Paediatric Brain Tumours Survivors Be Explained by Hippocampus Dysfunction? Jean-Michel Saury 410 - A Clue to Consciousness? Significance of Circadian Rhythms in Severe Brain Injury Christine Blume 308 - Evaluating the Use of Cognitive, Behavioural and Emotional Strategies after an Acquired Brain Injury:	Non-invasive Brain Stimulation in Stroke: Recent Results and Developments for Motor Recovery and Aphasia (SYMPOSIUM) Chair: Gerard Ribbers Zeb Jonker Kerstin Spielmann Riemke de Boer

3:00 – 3:15pm		489 - Development of A Curriculum for Concussion Management Training in Schools Arthur Maerlender 589 - Return to School and Return to Play - Are they Compatible? Carol DeMatteo 85 - Concussion Return to Learn: Two National Models Utilizing an Interdisciplinary Trifecta for Concussion Student and Classroom Management Brenda Eagan Brown 68 - Graded Exercise Testing for Risk Stratification of Paediatric Concussion Gary Browne	126 - To Study the Serum Biomarkers in Patients with mTBI and Correlate with Cognitive Deficits Subir Dey 601 - Assessing Recovery of Acute Mild Traumatic Brain Injury Patients using Diffusion Tensor Imaging George Zouridakis 622 - Source Connectivity Analysis Can Assess Recovery of Acute mTBI Patients George Zouridakis 319 - Density Change in The Commissural and Projection Fibers Of The Brainstem Following mTBI: A Longitudinal Study Vigneswaran Veeramuthu Session ID: AP3H	Development and Validation of The Strategy Use Measure (SUM) Grahame Simpson 88 - Effectiveness of Specific Post- Inpatient Brain Injury Rehabilitation Programs April Groff 359 - Outcomes, Supports and Barriers Related to Intensive Exercise Participation for Adults with Chronic Moderate to Severe Acquired Brain Injury Ann Charrette 71 - The Importance of The Minimal Clinically Important Difference (MCID) James Malec 141 - Financial Management after Acquired Brain Injury: A Conceptual Framework Based on Qualitative Inquiry Lisa Engel Session ID: AP5C	
3:15 - 4:45pm	Traumatic Brain Injury Rehabilitation: The Influence of Age and Sex/Gender - What We Know and What We Do Not Know (SYMPOSIUM) Chair: Nora Cullen Angela Colantonio Nora Cullen Session ID: SYM18	Approaches to the Evaluation and Treatment of Concussion: A Panel Discussion (SYMPOSIUM) Chair: Jonathan Silver Mariusz Ziejewski John Leddy Sidney R. Hinds II Michael McCrea	Innovations in Brain Injury Care (ACCEPTED PAPERS) Moderator: Angelle Sander 14 - The Effect of Post-Injury Erythropoietin Administration on Mortality and Glasgow Outcome Scales of Patients with TBI: A Meta-Analysis Faye Garciano 207 - The Effect of Oral Amantadine Administration on Neurologic Outcome in Diffuse Axonal Injury Patients Admitted to Intensive Care Unit Mohammad Amin Valizadeh Hasanloei 156 - Ten Years Follow-Up of Patients in A Double-Blinded Randomized Study on Prostacyclin Treatment in Severe TBI Lars-Owe Koskinen 440 - Comparative Effectiveness of Inpatient TBI Rehabilitation Interventions: Impact of More Time in Contextualized Treatment Jennifer Bogner	Social Cognition and Brain Injury (ACCEPTED PAPERS) Moderator: Leanne Togher 311 - Towards A Characterization of Social Cognitive Profiles After Acquired Brain Injury: Evidence for Distinct Emotion Processing Subgroups Sarah Hall 434 - Self-Reported Social Communication of Older Adults with TBI Lindsey Byom 558 - Neural Mechanism Underlying Facial-Affect Recognition Deficits in TBI: An fMRI Study Arianna Rigon 147 - Behavioral Disturbances Are Related to Deficits in Social Cognition After Aneurysmal Subarachnoid Hemorrhage Anne M. Buunk	Therapeutic Options for the Recovery of Severely Brain Injured Patients: The Field of Neuromodulation (SYMPOSIUM) Chairs: Aurore Thibaut, Caroline Schnakers Martin Monti Joseph Giacino Aurore Thibaut

4:45 – 5:00pm			405 - Efficacy of an Intervention to Promote Resilience and Adjustment after Traumatic Brain Injury Jennifer Marwitz 394 - Evaluation of Patient Engagement and Acceptability, Goals and Outcomes in A Newly Developed Low Intensity Community Based Group Neuropsychological Rehabilitation Programme Emma Hepbum 239 - Neuropsychological Outcomes from a Phase II, Randomized, Sham-Controlled Trial Hyperbaric Oxygen for Post-Concussion Syndrome Lisa Brenner Session ID: AP31 Reconvene for Evening Plenary Session	78 - Sex Differences in Affective and Cognitive Empathy Following Severe TBI Barbra Zupan 1 - Enhancing Emotional Insight after Traumatic Brain Injury: A Treatment for Alexithymia Dawn Neumann 86 - Cognitive-communication and Psychosocial Functioning 12 Months after Severe Traumatic Brain Injury Sarah Tran 3 - The Relationship Between Anger and Negative Attribution Bias After Brain Injury* Dawn Neumann Session ID: AP4I	
·	Grand Ballroom A-C (5th Floor)				
5:00 – 6:00pm	Keynote Lecture: Persistent Symptoms after Concussion: A Neuropsychiatric Perspective Organized by the North American Brain Injury Society (NABIS) Jonathan M. Silver Grand Ballroom A-C (5th Floor) Session ID: KEY6				
	SCIENTIFIC SESSIONS CONCLUDE				
6:00 - 6:30pm	Hurricane Send-off Grand Assembly (5th Floor)				