THURSDAY JUNE 20th | NICIS EUROPE 2019

8:30am-9:00am Welcome & registration
9:00am-10:00am NEUROPROGNOSTICATION IN STROKE
9:00am-9:20am Prediction of aphasia recovery after ischemic stroke Cathy J Price - University College London, London (United Kingdom)
9:20am-9:40am Prediction of motor recovery after ischemic stroke Charlotte Rosso - Sorbonne Université, Paris (France)
9:40am-10:00am Pragmatic approach of prognostication in severe stroke Mikaël Mazighi - Paris Diderot University, Paris (France)
10:00am-10:20am Coffee Break
10:20am-11:40am NEUROPROGNOSTICATION IN CARDIAC ARREST
10:20am-10:40am Pathophysiology of ischemic brain injuries Denis Viven - INSERM Paris, Gip Cyseron Caen (France)
10:40am-11:00am Functional and structural MRI for neuroprognostication after cardiac arrest Robert D Stevens - John Hopkins Medicine, Baltimore (USA)
11:00am-11:20am Electrophysiology in anoxic-ischemic injuries Michel van Putten - University of Twente & Medisch Spectrum Twente (Netherlands)
11:20am-11:40am Pragmatic approach of prognostication after cardiac arrest Alan Canou - Paris Descartes University, Paris (France)
11:40am-1:10pm SYMPOSIUM 1
2:00pm-3:20pm NEUROPROGNOSTICATION IN TRAUMATIC BRAIN INJURY
2:00pm-2:20pm Pathophysiology of TBI Jonathan Coles - University of Cambridge, Cambridge (United Kingdom)
2:20pm-2:40pm Epidemiological research on prognostication of TBI Outcome Hester Lingima - Erasmus Medical Center, Rotterdam (Netherlands)
2:40pm-3:00pm Predict cognitive dysfunction after TBI David Sharp - Imperial College London (United Kingdom)
3:00pm-3:20pm Long term improvement after TBI Jacques Luauté - Hospices Civils de Lyon, Lyon (France)
3:20pm-3:40pm Coffee Break
3:40pm-5:00pm NEUROPLASTICITY
3:40pm-4:00pm Stress-induced mechanisms of neuroplasticity in pathophysiology of brain diseases Mauro Popoli - University of Milan, Milan (Italy)
4:00pm-4:20pm Early markers of perinatal brain damage Diego Gazzolo - «Cesare Arrigo» Children’s Hospital, Allesandria (Italy)
4:20pm-4:40pm Plasticity and connectivity - Detection and stimulation with TMS John Rothwell - University College London, London (United Kingdom)
4:40pm-5:00pm Neuroplasticity evaluation to predict prognosis: form bench to bedside Nick Ward - University College London, London (United Kingdom)
5:00pm-6:30pm SYMPOSIUM 2

FRIDAY JUNE 21th | NICIS EUROPE 2019

8:30am-9:00am Welcome & registration
9:00am-10:20am NEUROPROGNOSTICATION OF CONSCIOUSNESS
9:00am-9:20am Clinical evaluation of consciousness in the ICU Aurore Thibaut - University of Liège (Belgium)
9:20am-9:40am Uncovering consciousness in unresponsive ICU patients: technical, medical and ethical considerations Jan Claassen - Columbia University, New York (USA)
9:40am-10:00am Consciousness and complexity Mario Rossano - University of Milan, Milan (Italy)
10:00am-10:20am Prognostication of consciousness recovery: State of the art in 2019 Lionel Naccache - Sorbonne Universités, Paris (France)
10:40am DECISION MAKING IN HIGH DEGREE OF UNCERTAINTY
10:40am-12:00pm General introduction to decision making Albert Moukheiber - Chiasma, Paris (France)
11:00am-11:20am Confirmation bias Stefano Palminteri - École Normale Supérieure, Paris (France)
11:20am-11:40am How to improve medical decision under pressure / uncertainty Niklas Keller - Charité Universitätsmedizin, Berlin (Germany)
11:40am-12:00pm The key role of uncertainty in decisions to withdraw Life-sustaining treatments Christos Lazaridis - University of Chicago, Chicago (USA)
12:00pm-1:30pm MINISYMPOSIUM SOPHYSA: TEMPERATURE IN NEURO-ICU Moderator: Pr Vincent Degos
12:00pm-12:30pm Mechanisms of temperature control Dr Bernard Vigué - Le Kremlin-Bicêtre (France)
12:30pm-1:00pm Benefit from temperature control in neuroICU patients Dr Jean-François Payen, Université Grenoble Alpes, Grenoble (France)
1:00pm-1:30pm Monitoring of the central temperature ? Dr Nicolas Engrand, Fondation Rothschild, Paris (France)
2:00pm-2:20pm NEUROPROGNOSTICATION IN STROKE (follow)
2:00pm-3:20pm Pathophysiology of acute ischemic stroke and recovery Lionel Wely - Aix-Marseille University, Marseille (France)
3:20pm-3:40pm BRAIN DEATH: CONCEPTS AND CHALLENGES
2:20pm-2:40pm A brief History of brain deaths Laura Bossi - Paris Diderot University, Paris (France)
2:40pm-3:00pm Variability or consistency of brain death criteria? Giuseppe Citerio - Milano Bicocca University, Milan (Italy)
3:00pm-3:20pm Cofounding factor in neuroprognostication: sedation, renal and liver failure Caroline Ngogossian - Columbia University Medical Center, New York (USA)
3:20pm-3:40pm Neuroprognosis and Donation After Cardiac Death (DCD) Erwin Kompanje - Erasmus Medical Center, Rotterdam (Netherlands)
3:40pm-4:00pm Coffee Break
4:00pm-5:40pm FUTURE OF NEUROPROGNOSTICATION: BIG DATA AND MACHINE LEARNING
4:00pm-4:20pm Using real-world data for research and outcomes: An innovative approach Jorge Salluh - D’or Institute for research and education, Rio de Janeiro (Brazil)
4:20pm-4:40pm Big Data and prediction An Ercole - Erasmus Medical Center, Rotterdam (Netherlands)
4:40pm-5:00pm Non-linear machine learning and signal models reveal new insights on neural oscillations Alexandre Gramfort - Inria, CEA Neurospin, Université Paris-Saclay (France)
5:00pm-5:20pm EEG markers of consciousness in brain-injured patients Jacobo Sitt - Brain and Spine Institute, Paris (France)
5:20pm-5:40pm A multimodal approach of neuroprognostication Louis Puybasset - Sorbonne Université, Paris (France)
5:40pm-6:00pm Awards | End of the conference