

08h30-9h00

Welcome & registration

09h00-10h00

NEUROPROGNOSTICATION IN STROKE

- 09h00-09h20 Prediction of aphasia recovery after ischemic stroke *Cathy J Price - University College London, London (United Kingdom)*
- 09h20-09h40 Prediction of motor recovery after ischemic stroke *Charlotte Rosso - Sorbonne University, Paris (France)*
- 09h40-10h00 Pragmatic approach of prognostication in severe stroke *Mikael Mazighi - Paris Diderot University, Paris (France)*

10h00-10h30

Coffee Break

10h30-11h50

NEUROPROGNOSTICATION IN CARDIAC ARREST

- 10h30-10h50 Pathophysiology of ischemic brain injuries *Denis Vivien - INSERM Paris, GIP Cyceron Caen (France)*
- 10h50-11h10 Functional and structural MRI for neuroprognostication after cardiac arrest *Robert D Stevens - Johns Hopkins Medicine, Baltimore (USA)*
- 11h10-11h30 Electrophysiology in anoxo-ischemic injuries *Michel van Putten - University of Twente, Enschede (Netherlands)*
- 11h30-11h50 Pragmatic approach of prognostication after cardiac arrest *Alain Cariou - Paris Descartes University, Paris (France)*

12h00-13h30

SYMPOSIUM 1

14h00-15h20

NEUROPROGNOSTICATION IN TRAUMATIC BRAIN INJURY

- 14h00-14h20 Pathophysiology of TBI *Jonathan Coles - University of Cambridge, Cambridge (United Kingdom)*
- 14h20-14h40 Epidemiological research on prognostication of TBI Outcome *Hester Lingsma - Erasmus Medical Center, Rotterdam (Netherlands)*
- 14h40-15h00 Predict cognitive dysfunction after TBI *David Sharp - Imperial College, London (United Kingdom)*
- 15h00-15h20 Long term improvement after TBI *Jacques Luauté - Hospices Civils de Lyon, Lyon (France)*

15h20-15h50

Coffee Break

15h50-17h10

NEUROPLASTICITY

- 15h50-16h10 Stress-induced Mechanisms of plasticity *Maurizio Popoli - University of Milan, Milan (Italy)*
- 16h10-16h30 Is there a biomarker of neuroplasticity ? *Diego Gazzolo - «Cesare Arrigo» Children's Hospital, Alessandria (Italy)*
- 16h30-16h50 Plasticity and connectivity - Detection and stimulation with TMS *John Rothwell - University College London, London (United Kingdom)*
- 16h50-17h10 Neuroplasticity evaluation to predict prognosis: from bench to bedside *Nick Ward - University College London, London (United Kingdom)*

17h00-18h30

SYMPOSIUM 2

FRIDAY JUNE 21th | NICIS EUROPE 2019

08h30-9h00

Welcome & registration

09h00-10h20

NEUROPROGNOSTICATION OF CONSCIOUSNESS

- 09h00-09h20 Clinical evaluation of consciousness in the ICU *Aurore Thibaut - University of Liège (Belgium)*
- 09h20-09h40 Uncovering consciousness in unresponsive ICU patients: technical, medical and ethical considerations *Jan Claassen - Columbia University, New York (USA)*
- 09h40-10h00 Consciousness and complexity *Mario Rosanova - University of Milan, Milan (Italy)*
- 10h00-10h20 Prognostication of consciousness recovery: State of the art in 2019 *Lionel Naccache - Sorbonne Universities, Paris (France)*

10h20-10h50

Coffee Break

10h50-12h10

DECISION MAKING IN HIGH DEGREE OF UNCERTAINTY

- 10h50-11h10 General introduction to decision making *Albert Moukheiber - Chiasma, Paris (France)*
- 11h10-11h30 Confirmation bias *Stefano Palminteri - Ecole Normale Supérieure, Paris (France)*
- 11h30-11h50 How to improve medical decision under pressure / uncertainty *Niklas Keller - Charité Universitätmedizin, Berlin (Germany)*
- 11h50-12h10 The key role of uncertainty in decisions to withdraw Life-sustaining treatments *Christos Lazaridis - University of Chicago, Chicago (USA)*

12h10-13h40

SYMPOSIUM 3

14h00-14h20

NEUROPROGNOSTICATION IN CARDIAC ARREST

- Pathophysiology of acute ischemic stroke and recovery *Lionel Velly - Aix-Marseille University, Marseille (France)*

14h20-15h40

BRAIN DEATH: CONCEPTS AND CHALLENGES

- 14h20-14h40 A brief History of brain deaths *Laura Bossi - Paris Diderot University, Paris (France)*
- 14h40-15h00 Definitions of brain deaths across Europe *Giuseppe Citerio - Milano Bicocca University, Milan (Italy)*
- 15h00-15h20 Confounding factor in neuroprognostication: sedation, renal and liver failure *Caroline Nigoghossian - Presbyterian Hospital, New York (USA)*
- 15h20-15h40 Neuroprognosis and Donation After Cardiac Death (DCD) *Erwin Kompanje - Erasmus Medical Center, Rotterdam (Netherlands)*

15h40-16h00

Coffee Break

16h00-17h20

FUTURE OF NEUROPROGNOSTICATION: BIG DATA AND MACHINE LEARNING

- 16h00-16h20 Using real-world data for research and outcomes: An innovative approach *Jorge Salluh - Dor Institute for research and education, Rio de Janeiro (Brazil)*
- 16h20-16h40 Big Data and prediction *Ari Ercole - Erasmus Medical Center, Rotterdam (Netherlands)*
- 16h40-17h00 Machine learning applied to neuroscience *Alexandre Gramfort - INRIA, Saclay (France)*
- 17h00-17h20 EEG markers of consciousness in brain-injured patients *Jacobo Sitt - Brain and Spine Institute, Paris (France)*

17h20-17h40

Awards | End of the conference

