

PROGRAM

ANESTHESIA AND THE BRAIN

08:00 - Registration and welcome

08:45 - Opening - Francisco Lobo

09 - 9:30 - Structures and mechanisms controlling anesthesia-induced unconsciousness - Tony Absalom

09:45 - 10:30 - A Principled Approach to Using the EEG to Track Brain States under General Anesthesia and Sedation - Emery Brown

10:45 - 11:30 - Cerebral Oxygenation: physiology and monitoring - Chiara Robba

11:45 - 12:30 - Brain Protection during anesthesia - Christian Werner

12:45 - 14:00 - Lunch

14:00 - 14:30 - Multimodal anesthesia and neural background: the theory - Emery Brown

14:45 - 15:15 - Multimodal anesthesia and neural background: the practice - Marusa Naranjo

15:30 - 16:15 - Cognitive decline after anesthesia and surgery - Francisco Lobo

16:30 - 17:00 Coffee Break

17:00 - 18:30 - Workshop on peri-operative brain monitoring

Station 1 - EEG - Emery Brown & Marusa Naranjo

Station 2 - Cerebral oxygenation and NIRS - Chiara Robba

Station 3 - Clinical Cases - Francisco Lobo & Alexandra Saraiva