

## **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*