ICM+ Workshop Hands-on sessions: main topics

- **Device connectivity**: how to connect ICM+ to my devices and patient monitors
  - Cabling
  - installing of drivers
  - general theory on device connectivity with practical examples

- **Data collection**
  - ICM+ profile
    - understanding the profile
    - how to configure data collection within ICM+
    - How to generate calculated parameters
    - General plotting in ICM+
  - Configuring devices to allow for data export
  - Efficient equipment layout for data collection in a busy hospital unit

- **How to study CSF-dynamics**
  - Infusion tests (lumbar and reservoir studies...it is not only Rout!)
  - Overnight monitoring: when to use and how to analyze
  - Practical tools to solve complex clinical cases on hydrocephalus

- **TCD**: not just quick cerebral blood flow assessment
  - ICM+ and continuous TCD monitoring: autoregulation indexes, optimal ABP, CO2 reactivity
  - What is my patient’s critical closing pressure?
  - Assessment of non-invasive ICP (children, traumatic brain injury, metabolic coma, ...)

- **ICP not only a number**
  - Waveform analysis
  - Pulsatility and compensatory reserve

- **How to access Cerebral Autoregulation in Neuro Critical Care**
  - PRx and other CA indexes
  - CPPopt definition and possible applications, other CA indexes, Static autoregulation tests made simple (leg cuff ...)

- **Multimodal monitoring**
  - What is it?
  - How ICM+ can help you to use the MM

- **ICM+ is not only a software for brain monitoring**
  - BRS sensitivity
  - Autonomic system features
  - Assessment of entropy and complexity
  - Cardiac output

- **Advanced ICM+ Features**
  - Importing of data,
  - batch analysis
  - Script Lab
  - Artifact mark-up
  - Projects

- **ICM+ as a bridge between the research laboratory and the bedside**