EASITRAIN
Powering the future
easitrain.web.cern.ch

EASISchool2

Saclay – Grenoble
September 30th April – October 4th 2019

Cryogenic Applications

EASITrain

- EASITrain – European Advanced Superconductivity Innovation and Training
  http://easitrain.web.cern.ch/research.html

- Marie Sklodowska-Curie Action (MSCA) Innovative Training Networks (ITN) funding from the H2020 Framework Programme under grant agreement no. 764879
  http://easitrain.web.cern.ch/training.html

- Training young researchers (15 students enrolled in PhDs)
  http://easitrain.web.cern.ch/TeamMain.html

- Collaboration between academic institutes and industries exchanging and working in the domain of superconductivity and cryogenics from fundamental research to products
  https://easitrain.web.cern.ch/beneficiary.html

- **EASISchool2** goal : present numerous **cryogenic applications** (applied superconductivity) from Industries and academic world

Day 1 | September 30th 2019

- **Sessions**
  - Medical applications
  - **Visit:** Iseult magnet at Neurospin
  - Coffee break
  - Accelerator applications
  - Lunch at Neuropsin

  - **Visit:** CEA Saclay Accelerator Laboratory visit
    - Bus at Neurospin Lab to enter CEA Saclay
    - Badges to be picked-up at the Main gate
    - Visit
    - ID to be returned at the Main gate
    - Back to Neurospin and “Le Guichet” station (RER B at Orsay)

    - Accelerators COM
    - FAIR & BETSI Sources
    - Accelerator cavity COM
    - ESS facilities
    - Clean Room / Cavity treatment facilities

Day 2 | October 1st 2019

- **Sessions**
  - Superconducting Magnets
  - Coffee break
  - Cryogenics for Future
  - Lunch at Neuropsin

  - **Visit:** Saclay Cryo-magnetism Laboratory
    - Bus at Neurospin Lab to enter CEA Saclay
    - Badges to be picked-up at the Main gate
    - Visit
    - ID to be returned at the Main gate
    - Back to Neurospin and “Le Guichet” station (RER B at Orsay)

    - Accelerator magnets laboratory
    - JT60-SA tests facility
    - Detector magnets facility
    - R&D Cryo lab

Day 3 | October 2nd 2019

- **Transfer to Grenoble** in the morning
  - Train's departure at 9.41 am at Gare de Lyon
  - **Meeting point at Gare de Lyon at 8.30 am (MANDATORY)**

- Lunch at Minatec

- **Visits**
  - ESRF - European Synchrotron Radiation Facility
  - National High Magnetic Field Laboratory

- Then Day 4 and 5…