



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 Skłodowska-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 Neurospin
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- **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)
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- 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)
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- 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...