



WEEK 5 : Detector Technologies & Electronics

| Schedule 2017 | Monday Feb 20 th | Tuesday Feb 21 st | Wednesday Feb 22 nd | Thursday Feb 23 rd | Friday Feb 24 th |
|---------------|---|---|---|---|---|
| 09:00 | Arrival and registration at ESI Office & Accommodation | Signal Processing and Electronics Daniel Dzahini | Low Temperature Detectors Martino Calvo | Signal Processing and Electronics Daniel Dzahini | Signal Processing and Electronics Daniel Dzahini |
| 10:30 | | Coffee Break | Coffee Break | Coffee Break | Coffee Break |
| 10:45 | | Signal Processing and Electronics Daniel Dzahini | Detector Technologies Jean-Marie Brom | Signal Processing and Electronics Daniel Dzahini | Detector Technologies tutorials Johann Collot |
| 12:15 | | 12:00 ESI WELCOME & BUILDING VISIT | | | |
| | 12:30 WELCOME LUNCH OFFERED BY ESI | BREAK | BREAK | BREAK | BREAK |
| 14:00 | Presentation of ESIPAP & Presentation of students 2017 Johann Collot | Detector Technologies Jean-Marie Brom | Signal Processing and Electronics Daniel Dzahini | Detector Technologies Jean-Marie Brom | Detector Technologies noble liquid detectors Johann Collot |
| 15:30 | Coffee Break | Coffee Break | Coffee Break | Coffee Break | Coffee Break |
| 15:45 | Detector Technologies Jean-Marie Brom | Detector Technologies Jean-Marie Brom | Signal Processing and Electronics Daniel Dzahini | Signal Processing and Electronics Daniel Dzahini | Detector Technologies Detectors for X-Ray facilities Christian Morel |
| 17:15 | | | | | |

WEEK 6 : Real Time Computing & Data Handling

| Schedule 2017 | Monday Feb 27 th | Tuesday Feb 28 th | Wednesday March 1 st | Thursday March 2 nd | Friday March 3 rd |
|---------------|--|---|---|---|--|
| 09:00 | VME bus and Modular Electronics Markus Joos | Ultra Cold Neutrons Guillaume Pignol | Project Management Pierre Bonnal | <p><i>Bus leaves at 7:00 from ESIPAP</i></p> <p><i>(Lunch at LPSC)</i></p> <p>Lab Training Sessions at Grenoble</p> <p><i>Return scheduled at 19:00</i></p> | Data Handling Technologies Alberto Pace |
| 10:30 | Coffee Break | Coffee Break | Coffee Break | | Coffee Break |
| 10:45 | VME bus and Modular Electronics Markus Joos | Ultra Cold Neutrons Guillaume Pignol | Project Management Pierre Bonnal | | Data Handling Technologies Alberto Pace |
| 12:15 | WELCOME LUNCH OFFERED BY ESI | BREAK | BREAK | | BREAK |
| 14:00 | Data Handling Technologies Alberto Pace | Trigger and Data Acquisition Software Enrico Pasqualucci | Ultra Cold Neutrons Guillaume Pignol | | Trigger Francesca Pastore |
| 15:30 | Coffee Break | Coffee Break | Coffee Break | | Coffee Break |
| 15:45 | Data Handling Technologies Alberto Pace | | Ultra Cold Neutrons Guillaume Pignol | | Exam : DT |
| 17:15 | | | | | |



WEEK 7 : Mechanics & Medical Applications

| Schedule 2017 | Monday March 6 th | Tuesday March 7 th | Wednesday March 8 th | Thursday March 9 th | Friday March 10 th |
|----------------|--|---|-------------------------------------|---|---|
| 09:00 | Composite Materials for Particle Detectors Éric Anderssen | Medical Applications Ziad El-Bitar | Exam : SPE | <i>Bus leaves at 7:00 from ESIPAP</i> (Lunch at CERN) Lab Training Sessions at CERN <i>Return scheduled at 18:00</i> | <i>Bus leaves at 7:00 from ESIPAP</i> (Lunch at CERN) Lab Training Sessions at CERN <i>Return scheduled at 18:00</i> |
| 10:30 10:45 | Coffee Break | Coffee Break | Coffee Break | | |
| 12:15 | Composite Materials for Particle Detectors Éric Anderssen | Medical Applications Ziad El-Bitar | | | |
| 14:00 | WELCOME LUNCH OFFERED BY ESI | BREAK | BREAK | | |
| 15:30 15:45 | Medical Applications Ziad El-Bitar | Additive Printing Marc Krauth | Project Management Pierre Bonnal | | |
| 17:15 | Coffee Break | Coffee Break | Coffee Break | | |
| | Medical Applications Ziad El-Bitar | Additive Printing Projet Marc Krauth | Project Management Pierre Bonnal | | |
| | | FPGA Hannes Sakulin | | | |

WEEK 8 : Offline Computing

| Schedule 2017 | Monday March 13 th | Tuesday March 14 th | Wednesday March 15 th | Thursday March 16 th | Friday March 17 th |
|---------------|--|------------------------------------|--------------------------------------|---|---|
| 09:00 | Exam : UCN | C++ Programming Sébastien Ponce | C++ Programming Sébastien Ponce | C++ Programming Sébastien Ponce | Space Projects Seminar Isabelle Rongier & Jan Droz |
| 10:30 | Coffee Break | Coffee Break | Coffee Break | Coffee Break | Coffee Break |
| 10:45 | Magnets for Particle Detectors Herman Ten Kate | C++ Programming Sébastien Ponce | C++ Programming Sébastien Ponce | C++ Programming Sébastien Ponce | Space Projects Seminar Isabelle Rongier & Jan Droz |
| 12:15 | BREAK | BREAK | BREAK | CLOSING JUAS LUNCH OFFERED BY ESI | CLOSING RECEPTION LUNCH OFFERED BY ESI |
| 14:00 | Magnets for Particle Detectors Herman Ten Kate | Python Programming Jérôme Odier | Grid Computing Catherine Biscarat | Exam : MA | Space Projects Seminar Isabelle Rongier & Jan Droz |
| 15:30 | Coffee Break | Coffee Break | Coffee Break | Coffee Break | Coffee Break |
| 15:45 | Magnets for Particle Detectors Herman Ten Kate | Python Programming Jérôme Odier | Grid Computing Catherine Biscarat | Exam : MPD | |
| 17:15 | | | | | |