

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 Alessandro Monfardini	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 noble liquid detectors 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 tutorials Johann Collot
15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
15:45	Reminder on Particle Interaction with Matter Jean-Marie Brom	Detector Technologies Jean-Marie Brom	Signal Processing and Electronics Daniel Dzahini	Signal Processing and Electronics Daniel Dzahini	Photon Counting Imaging 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	<i>Bus leaves at 7:00 from ESIPAP</i> (Lunch at LPSC) Lab Training Sessions in Grenoble <i>Return scheduled at 19:00</i>	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	Medical Radioisotopes Ulli Koester		
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					