

Monday 16	ESRF Auditorium	8:00 - 8:45	registration			
		8:45 - 9:00	welcome		00:15	
		9:00 - 10:00	lecture 1	5min "clip" presentation of 8 EIROforum facilities		01:00
		10:00 - 10:40		Coffee Break		00:40
		10:40 - 11:20	lecture 2	Introduction to particle interactions used for particle detection	Veenhof	00:40
		11:20 - 11:50	lecture 3	Particle Tracking	Moll	00:30
onsite canteen		11:50 - 12:20	lecture 4	Scintillators and Photon Detectors	Casella 00:30	
		12:20 - 13:45		Lunch Break	01:25	
	ILL Amphitheatre	13:45 - 14:15	lecture 5	Calorimetry	Schmidt	00:30
		14:15 - 14:45	lecture 6	Particle Identification Techniques	Joram	00:30
		14:45 - 15:15	lecture 7	LHC detector systems	Schmidt	00:30
		15:15 - 16:15		Poster Clips		01:00
16:15 - 16:45			Tea Break		00:30	
16:45 - 17:45			Poster session		01:00	
onsite cafeteria		19:30 - 21:30		Wine & cheese party	02:00	
Tuesday 17	ESRF Auditorium	8:30 - 9:15	lecture 8	Neutrons: what for? and how?	Vettier 00:45	
		9:15 - 10:00	lecture 9	Overview of detector front end electronics	Van Esch 00:45	
		10:00 - 10:30		Coffee Break		00:30
		10:30 - 11:15	lecture 10	Fast data acquisition, signals processing and its integration within instrument control	Mutti 00:45	
		11:15 - 12:00	lecture 11	Micropattern gaseous neutron detectors	Takahashi 00:45	
		12:00 - 13:30		Lunch Break		01:30
ILL Amphitheatre	13:30 - 14:15	lecture 12	Measurement techniques for fusion experiments	Murari 00:45		
	14:15 - 15:00	lecture 13	Control and Data Acquisition for Fusion experiments - 2 or 3 Things I Know About Her	Carvalho 00:45		
	15:00 - 15:30		Tea Break		00:30	
	15:30 - 16:30	lecture 14	GRID data processing	Schulz 01:00		
	16:30 - 17:30		Poster Clips		01:00	
	17:30 - 18:30		Poster session		01:00	
		18:30		free time		
Wednesday 18	ESRF Auditorium	8:30 - 9:15	lecture 15	An Introduction to synchrotron-based micro-analytical techniques	Susini 00:45	
		9:15 - 10:00	lecture 16	X-ray optics for Synchrotron Radiation Beamlines	Barrett 00:45	
		10:00 - 10:30		Coffee Break		00:30
		10:30 - 11:15	lecture 17	X-ray detectors for synchrotron radiation applications	Fajardo 00:45	
		11:15 - 12:00	lecture 18	2D detectors for synchrotron radiation experiments	Ponchut 00:45	
		12:00 - 13:30		Lunch Break		01:30
ILL Amphitheatre	13:30 - 14:15	lecture 19	Instruments for X-ray crystallography and solution scattering experiments	Cipriani 00:45		
	14:15 - 15:00	lecture 20	Automation on Beamlines for Structural Biology	McSweeney 00:45		
	15:00 - 15:30		Tea Break		00:30	
	15:30 - 16:30	lecture 21	EDNA : A framework for Advanced On-line Data Analysis	Svensson 01:00		
	16:30 - 17:30		Poster Clips		01:00	
	17:30 - 18:30		Poster session		01:00	
		18:30 - 19:30		free time	01:00	
		19:30 - 23:00		Conference Dinner + Poster award	03:30	
Thursday 19	ILL Amphitheatre	8:30 - 9:30	lecture 22	Instrumentation for Space-based Astronomy	Lumb 01:00	
		9:30 - 10:15	lecture 23	Instrumentation for planetary exploration	Erd 00:45	
		10:15 - 10:45		Coffee Break		00:30
		10:45 - 11:30	lecture 24	An Introduction to Ground-Based Astronomical Instrumentation	Ramsay 00:45	
		11:30 - 12:30	lecture 25	Instrumentation techniques to detect extra-solar planets with ground based telescopes	Dorn 01:00	
		12:30 - 14:00		Lunch Break		01:30
ILL Amphitheatre	14:00 - 14:45	lecture 26	Imaging with the XFEL: Finding the structure of biomolecules using ultrabright, ultrashort pulses of x-rays	Mancuso 00:45		
	14:45 - 15:30	lecture 27	Radiation effects and mitigations	Erd 00:45		
	15:30 - 16:00		Tea Break		00:30	
	16:00 - 17:00	lecture 28	Data analysis in neutron scattering and beyond	Gonzalez 01:00		
	17:00 - 18:30	lecture 29	The Fantastical World of Adaptive Optics	Beletic 01:30		
	18:30		free time			
Friday 20	ILL	8:30 - 9:15	lecture 30	Introduction to the new European Spallation Source	Andersen 00:45	
		9:15 - 9:30	Practical	grouping		00:15
		9:30 - 12:30	Practical	"McStas: A complete simulation tool for the design of neutron scattering instruments"		03:00
			12:30 - 14:00		Lunch Break	01:30
	ILL	14:00 - 17:00	Practical	"McStas: A complete simulation tool for the design of neutron scattering instruments"		03:00
		17:00		School evaluation & discussion session		01:15
				free time		

ESI 2011

version

Monday, May 02, 2011

0:05

	Monday 16-May	Tuesday 17-May	Wednesday 18-May	Thursday 19-May	Friday 20-May	
8:00	registration					8:00
8:15	coffee (8-8:45)					8:15
8:30	Welcome	Lecture 8	Lecture 15	Lecture 22	Lecture 30	8:30
8:45						8:45
9:00	Lecture 1	Lecture 9	Lecture 16	Lecture 23	coffee	9:00
9:15						9:15
9:30						9:30
9:45	coffee	coffee	coffee	coffee	Group 3 Visit ESRF	9:45
10:00	Lecture 2	Lecture 10	Lecture 17	Lecture 24	Group 1+2 Practical	10:00
10:15						Group 4 Visit ILL
10:30	Lecture 3	Lecture 11	Lecture 18	Lecture 25	Group 4 Visit ESRF	10:30
10:45	Lecture 4				Group 3 Visit ILL	10:45
11:00						11:00
11:15	lunch	lunch	lunch	lunch		11:15
11:30						11:30
11:45	Lecture 5	Lecture 12	Lecture 19	Lecture 26		11:45
12:00	Lecture 6	Lecture 13	Lecture 20	Lecture 27	Group 1 Visit ESRF	12:00
12:15	Lecture 7	tea	tea	tea	Group 2 Visit ILL	12:15
12:30	tea	Lecture 14	Lecture 21	tea	Group 3+4 Practical	12:30
12:45	Poster clips 1			Lecture 28		Group 2 Visit ESRF
13:00					Group 1 Visit ILL	13:00
13:15	Poster session 1	Poster clips 2	Poster clips 3			13:15
13:30				Lecture 29		13:30
13:45		Poster session 2	Poster session 3		School evaluation & Discussion session	13:45
14:00						14:00
14:15						14:15
14:30						14:30
14:45						14:45
15:00						15:00
15:15						15:15
15:30						15:30
15:45						15:45
16:00						16:00
16:15						16:15
16:30						16:30
16:45						16:45
17:00						17:00
17:15						17:15
17:30						17:30
17:45						17:45
18:00						18:00
18:15						18:15
18:30						18:30
18:45						18:45
19:00						19:00
19:15						19:15
19:30	Wine & Cheese evening		Conference dinner & poster award			19:30

Instrumentation for High Energy Physics Experiments	CERN
Neutron Science	ILL
Fusion	EFDA-JET
X-rays and neutrons	ESRF
Molecular Biology	EMBL
Planetary Science and Astrophysics	ESA
Planetary Science and Astrophysics	ESO
X-rays and neutrons	XFEL
Advanced Data Analysis Techniques	Highlight Topic
Special Lectures	

lecture 1	5min "clip" presentation of 8 EIROforum facilities
lecture 2	Introduction to particle interactions used for particle detection
lecture 3	Particle Tracking
lecture 4	Scintillators and Photon Detectors
lecture 5	Calorimetry
lecture 6	Particle Identification Techniques
lecture 7	LHC detector systems
lecture 8	Neutrons: what for? and how?
lecture 9	Overview of detector front end electronics
lecture 10	Fast data acquisition, signals processing and its integration within instrument control
lecture 11	Micropattern gaseous neutron detectors
lecture 12	Measurement techniques for fusion experiments
lecture 13	Control and Data Acquisition for Fusion experiments - 2 or 3 Things I Know About Her
lecture 14	GRID data processing
lecture 15	An Introduction to synchrotron-based micro-analytical techniques
lecture 16	X-ray optics for Synchrotron Radiation Beamlines
lecture 17	X-ray detectors for synchrotron radiation applications
lecture 18	2D detectors for synchrotron radiation experiments
lecture 19	Instruments for X-ray crystallography and solution scattering experiments
lecture 20	Automation on Beamlines for Structural Biology
lecture 21	EDNA : A framework for Advanced On-line Data Analysis
lecture 22	Instrumentation for Space-based Astronomy
lecture 23	Instrumentation for planetary exploration
lecture 24	An Introduction to Ground-Based Astronomical Instrumentation
lecture 25	Instrumentation techniques to detect extra-solar planets with ground based telescopes
lecture 26	Imaging with the XFEL: Finding the structure of biomolecules using ultrabright, ultrashort pulses of x-rays
lecture 27	Radiation effects and mitigations
lecture 28	Data analysis in neutron scattering and beyond
lecture 29	The Fantastical World of Adaptive Optics
lecture 30	Introduction to the new European Spallation Source

Practical "McStas: A complete simulation tool for the design of neutron scattering instruments" 