

HSC14 - HERCULES Specialised Courses: Neutrons and Synchrotron Radiation in materials for energy

	Monday, 17 September	Tuesday, 18 September	Wednesday, 19 September	Thursday, 20 September	Friday, 21 September			
8:00	REGISTRATION		Practicals - 8h30-12h30	Practicals - 8h30-12h30		8:00		
8:30	8h30 Tobias SCHÜLLI (ESRF, Grenoble) General Introduction					8:30		
9:00					9h00-9h45: Michael PREUSS (Univ. of Manchester, UK): Lightweight alloys	9:00		
9:30	Sakura PASCARELLI/ Pieter GLATZEL (ESRF, Grenoble): X-ray spectroscopy	Tamzin LAFFORD (ESRF, Grenoble): X-ray imaging techniques 9h00 - 10h30	9 GROUPS AS PER LIST IN THE ESRF OR IN THE ILL	9 GROUPS AS PER LIST IN THE ESRF OR IN THE ILL	9h45 - 10h30: Anatoliy SLOBODSKYY (KIT, Germany) CIGS Photovoltaics	9:30		
10:00							10:00	
10:30	COFFEE/ TEA	COFFEE/ TEA					COFFEE/ TEA	10:30
11:00							11h00-11h45: Carlo LAMBERTI (Torino Univ. Italy) Hydrogen storage	11:00
11:30	Bill DAVID (ISIS, UK): Diffraction 11h00 - 12h30	Gema MARTINEZ, Tobias SCHÜLLI, (ESRF, Grenoble) Nano beams and surface sensitive x-ray techniques 11h00 - 12h30					11h45 - 12h30: Andrei KHODAKOV (Univ. Lille, France): Chemical conversion	11:30
12:00						12:00		
12:30						12:30		
13:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	13:00		
13:30						13:30		
14:00			Practicals - 14h00-18h00	Practicals - 14h00-18h00	14h00-14h45: Laurence CROGUENNEC (CNRS Bordeaux, France) Batteries	14:00		
14:30	Francois RIEUTORD, Jean-Sébastien MICHA, Gérard GEBEL (CEA Grenoble): Small angle techniques and reflectivity 14h00-15h30	Marek KOZA (ILL, Grenoble): Inelastic Neutron Scattering 14h00 -15h30			14h45 - 15h30: Herve PALANCHER (CEA Cadarache, France): Nuclear energy materials	14:30		
15:00						15:00		
15:30	COFFEE/ TEA	COFFEE/ TEA	9 GROUPS AS PER LIST IN THE ESRF OR IN THE ILL	9 GROUPS AS PER LIST IN THE ESRF OR IN THE ILL	COFFEE/ TEA	15:30		
16:00	Tutorial on data analysis: powder diffraction or x-ray spectroscopy 16h00 -17h30 Group A in the ESRF training room Group B at the ILL	Tutorial on data analysis: powder diffraction or x-ray spectroscopy 16h00-17h30 Group B in the ESRF training room Group A at the ILL					16h00-16h45: Gérard GEBEL (CEA Grenoble, France):Fuel Cell Materials	16:00
16:30							16h45 - 17h30: Final discussion and wrap-up	16:30
17:00								17:00
17:30							Conclusions	17:30
18:00						18:00		
18:30		Wine and Cheese + Poster Session in the (coffee) cafeteria 18h00 - 20h00			Farewell cocktail in the ESRF entrance hall	18:30		
19:00	DINNER ESRF-ILL canteen		DINNER ESRF-ILL canteen	DINNER Restaurant in Grenoble	Dinner at ESRF-ILL canteen	19:00		

LECTURES WILL TAKE PLACE IN THE ESRF AUDITORIUM - TUTORIALS IN THE ESRF TRAINING ROOM OR IN THE ILL 4 SEMINAR ROOM