

HSC12_HERCULES Specialised Courses: Synchrotron Radiation and Neutrons for Extreme Conditions Studies

	Monday 27/09/2010	Tuesday 28/09/2010	Wednesday 29/09/2010	Thursday 30/09/2010	Friday 01/10/2010	
8:00	REGISTRATION		Practicals - 8h30-12h30	Practicals - 8h30-12h30		8:00
8:30	8h30 General Introduction		D20 Group [1]	D20 Group [3]		8:30
9:00	Mohamed MEZOVAR Introduction to X-ray Diffraction 9h00 - 10h30	Koen de HANTSETTERS Unravelling the diamond (anvil) mystery 9h00-9h45	T. Hansen	T. Hansen	Isabelle DANIEL Earth science using large scale facilities 9h00 - 10h30	9:00
9:30		Jeroen JACOBS How to properly align and gas load a membrane DAC 9h45 - 10h30	ID28 Group [2]	ID28 Group [4]		9:30
10:00			M. Krisch	M. Krisch		10:00
10:30	COFFEE/ TEA	COFFEE/ TEA	ID27 Group [3]	ID27 Group [1]	COFFEE/ TEA	10:30
11:00	Sakura PASCARELLI Introduction to X-ray Absorption and Emission Spectroscopies 11h00 - 12h30	Paul McMILLAN Solid state chemistry and materials science studies at high pressure: the role of synchrotron research 11h00-12h30	M. Mezouar	M. Mezouar	Philip SALMON Liquids and amorphous materials using neutrons and X-rays 11h00 - 12h30	11:00
11:30			ID16 Group [4]	ID16 Group [2]		11:30
12:00			G. Monaco	G. Monaco		12:00
12:30						12:30
13:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	13:00
13:30						13:30
14:00	Michael KRISCH Introduction to inelastic X-ray and nuclear resonance scattering 14h00 - 15h30	Thomas HANSEN Introduction to neutron diffraction 14h00-15h30	Practicals - 14h00-18h00	Practicals - 14h00-18h00	Karl SYASSEN Synchrotron-based studies of metals and oxides 14h00 - 15h30	14:00
14:30			D20 Group [4]	D20 Group [2]		14:30
15:00			T. Hansen	T. Hansen		15:00
15:30	COFFEE/ TEA	COFFEE/ TEA	ID28 Group [1]	ID28 Group [3]	COFFEE/ TEA	15:30
16:00	Filip MEERSMAN High Pressure Biology & Soft Matter Research using Synchrotron Radiation & Neutrons 16h00 - 17h30	Stefan KLOTZ Methods in high pressure neutron scattering 16h00-17h30	M. Krisch	M. Krisch	Jean-Paul ITIE Applications of X-ray absorption spectroscopy and X-ray magnetic dichroism at high pressure 16h00 - 17h30	16:00
16:30			ID27 Group [2]	ID27 Group [4]		16:30
17:00			M. Mezouar	M. Mezouar		17:00
17:30	Visit of the ESRF and ILL in 2 groups of 10 17h30 - 19h15	Wine and Cheese + Poster Session in the ILL-EMBL Liaison Hall 18h00 - 20h00	ID16 Group [3]	ID16 Group [1]	Conclusions	17:30
18:00			G. Monaco	G. Monaco	Farewell cocktail in the ILL entrance hall	18:00
18:30						Dinner at ESRF-ILL canteen
19:00	DINNER - ESRF-ILL canteen		DINNER ESRF-ILL canteen	DINNER Restaurant in Grenoble		

Lectures will take place in the ILL Auditorium