

PARALLEL SESSIONS

Macromolecular Crystallography ESRF ROOM 500	P. Matias, S. McSweeney (J. McCarthy) <u>Discussion leader:</u> J. Sussman	D. Bourgeois (Grenoble) - (20 min) <i>Mycobacterium tuberculosis</i> Thymidylate Kinase: Structural Studies along the Reaction Pathway A. G. Blanco (Barcelona) <i>How PhoB activates transcription of 40 genes</i> (20 min) J. McCarthy (ESRF) – (20 min)
High resolution and resonance scattering ILL AMPHITHEATRE	C. Dallera, R. Rueffer <u>Discussion leader:</u> J.-P. Gaspard	J. Badro (Paris) <i>Inelastic X-ray Scattering: a new window into the Earth's deep interior</i> A. Barla (Grenoble) <i>Pressure-induced magnetic order in golden SmS</i> R. Röhlsberger (Hamburg) <i>Tuning the magnetic spin structure of exchange-coupled films</i> A. Shukla (Paris) <i>Phonon dispersion, electron-phonon coupling and anharmonicity in MgB2</i> Th. Neisius (ESRF) <i>X-ray emission study of liquid germanium</i>
Surface and interface science ESRF CONTROL ROOM MEETING ROOM	C. Lucas, S. Ferrer <u>Discussion leader:</u> G. Rossi	E. Vlieg (Nijmegen) <i>Liquid structure at solid-liquid interfaces.</i> F. Schreiber (Oxford) <i>Organic thin films: surface diffraction and X-ray standing wave studies.</i> H. Metzger (ESRF) <i>Nanostructured semiconductor surfaces studied by grazing incidence X-ray techniques.</i>

Soft condensed matter ILL ROOM 127, FIRST FLOOR	T. Asthalter, C. Riekel <u>Discussion leader:</u> H. Reynaers	J. Wagner (Saarbrücken) <i>Static and Dynamical Small-Angle X-Ray Scattering from Complex Liquids of Magnetic Colloids</i> N. Zafeiropoulos (Dresden) <i>Scanning micro-SAXS on polymers</i> (title to be updated) P. Davidson (Orsay) <i>Interplay of liquid-crystallinity and gelation: the two limiting cases of chitin and actin suspensions</i>
X-ray imaging ESRF AUDITORIUM	L. Vincze, J. Baruchel <u>Discussion leader:</u> G. Schmahl	J. Balosso (ESRF) <i>Therapy using SR</i> H. Klein (Grenoble) <i>Bulk porosity in quasicrystals: a phase contrast imaging study</i> C. Schroer (Aachen) <i>Full field and scanning microscopy with refractive lenses</i> B. Golosio (Sassari) <i>Developments in X-ray Fluorescence tomography</i>
Materials Science EMBL SEMINAR ROOM	A. Pyzalla, A. Kvick <u>Discussion leader:</u> D.D. Juul Jensen	L. Edwards (Open University) <i>Improved structural integrity through advances in reliable residual stress measurement: the role of synchrotron diffraction</i> S.E. Offerman (Delft) <i>Grain nucleation and growth in carbon steel</i>

<p>XAS and magnetic scattering</p> <p>ESRF MARQUEE</p>	<p>F. D'Acapito, N. Brookes</p> <p><u>Discussion leader:</u></p> <p>L. Braicovich</p>	<p>F. d'Acapito (ESRF) - (5 min) <i>Introduction of the Parallel Session</i></p> <p>N. Brookes (ESRF) – (10 min) <i>Activity of the “XAS and magnetic scattering group”</i></p> <p>D. Testemale (Grenoble) – (15 min) <i>Structure of molecules in HP/HT aqueous solutions: a XAS study.</i></p> <p>N. Jaouen (ESRF) – 15 min) <i>Magnetism of impurities probed by XMCD in Standing Wave regime.</i></p> <p>A. Bombardi (ESRF) – (15 min) <i>The Magnetic ground state of the spin 1/2 square lattice Heisenberg antiferromagnet LiVOSiO₄.</i></p> <p>L. Braicovich (Milano) – (10 min) <i>Presentation of the Long Term Scientific Plan (LTSP) and its impact on XMCD studies</i></p> <p>A. San Miguel, (Lyon) – (5 min) <i>Impact of the LTSP on High-pressure studies.</i></p> <p>C. Lamberti (Torino) – (5 min) <i>Impact of the LTSP on studies in Operando conditions.</i></p> <p>To be decided – (10 min) <i>Impact of the LTSP on Magnetic Scattering studies.</i></p>
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