

## PARALLEL SESSIONS

<p><b>Macromolecular Crystallography</b></p> <p><b>ESRF ROOM 500</b></p>	<p>P. Matias, S. McSweeney (J. McCarthy)</p> <p><u>Discussion leader:</u> J. Sussman</p>	<p><b>D. Bourgeois</b> (Grenoble) - (20 min) <i>Mycobacterium tuberculosis</i> Thymidylate Kinase: Structural Studies along the Reaction Pathway</p> <p><b>A. G. Blanco</b> (Barcelona) <i>How PhoB activates transcription of 40 genes (20 min)</i></p> <p><b>J. McCarthy</b> (ESRF) – (20 min)</p>
<p><b>High resolution and resonance scattering</b></p> <p><b>ILL AMPHITHEATRE</b></p>	<p>C. Dallera, R. Rueffer</p> <p><u>Discussion leader:</u> J.-P. Gaspard</p>	<p><b>J. Badro</b> (Paris) <i>Inelastic X-ray Scattering: a new window into the Earth's deep interior</i></p> <p><b>A. Barla</b> (Grenoble) <i>Pressure-induced magnetic order in golden SmS</i></p> <p><b>R. Röhlberger</b> (Hamburg) <i>Tuning the magnetic spin structure of exchange-coupled films</i></p> <p><b>A. Shukla</b> (Paris) <i>Phonon dispersion, electron-phonon coupling and anharmonicity in MgB<sub>2</sub></i></p> <p><b>Th. Neisius</b> (ESRF) <i>X-ray emission study of liquid germanium</i></p>
<p><b>Surface and interface science</b></p> <p><b>ESRF CONTROL ROOM</b></p> <p><b>MEETING ROOM</b></p>	<p>C. Lucas, S. Ferrer</p> <p><u>Discussion leader:</u> G. Rossi</p>	<p><b>E. Vlieg</b> (Nijmegen) <i>Liquid structure at solid-liquid interfaces.</i></p> <p><b>F. Schreiber</b> (Oxford) <i>Organic thin films: surface diffraction and X-ray standing wave studies.</i></p> <p><b>H. Metzger</b> (ESRF) <i>Nanostructured semiconductor surfaces studied by grazing incidence X-ray techniques.</i></p>

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

