

## 2<sup>nd</sup> ENURS & ESRF-Day

14-15 February 2013, Pavilhão do Conhecimento, Lisboa

### 14<sup>th</sup> February

Schedule	PROGRAM
10:30-11:00	<b>Registration / Welcome Coffee</b>
11:00-11:15	<b>Opening Session</b> Miguel Seabra, <i>President of the Fundação para a Ciência e Tecnologia</i> Maria João Romão & Francisco Braz Fernandes <i>Delegate to ESRF Council &amp; Organizers</i>
11:15-11:30	<b>Introduction to the ESRF</b> Francesco Sette, <i>Director General of the ESRF</i>
11:30-11:45	<b>How to Prepare a Good Proposal</b> Joanne McCarthy, <i>ESRF User Office</i>
11:45-12:30	<b>Current and Future Upgrade program of the ESRF</b> Harald Reichert, <i>ESRF Research Director</i>
12:30-14:00	<i>Lunch break &amp; Networking</i>
14:00-14:40	<b>A flavor of some imaging capabilities at the ESRF</b> Marine Cotte, <i>Head of the ESRF X-ray imaging group (ID21, ID22, ID19)</i>
14:40-15:20	<b>Electronic Structure and Magnetism</b> Sakura Pasquarelli, <i>ESRF Beamline Scientist (ID24, BM23)</i>
15:20-16:00	<b>Synchrotron Radiation and Neutron-scattering studies of Exotic f-electron Compounds</b> José António Paixão, <i>CEMDRX – U. Coimbra</i>
16:00-16:15	<i>Coffee break</i>
16:15-17:15	<b>Rhenium incorporation in molybdenite: first results of a XANES study</b> Teresa Pena de Pereira da Silva, <i>LNEG</i>  <b>NiTi endodontic files under flexion – in situ X-ray diffraction study</b> João Pedro Oliveira, <i>CENIMAT, FCT-UNL</i>  <b>The XUV team at GoLP: Short-pulse coherent X-ray sources and their applications</b> Marta Fajardo, <i>IPFN-IST</i>  <b>VUV electronic state spectroscopy of plasma processing molecules</b> Paulo Limao-Vieira, <i>FCT-UNL</i>  <b>Tomography applied to the study of a new early synapsid (dicynodontia) from the Permian of Mozambique</b> Rui Castanhinha, <i>IGC, Museu da Lourinhã</i>
17:15-19:00	<b>Poster Session I</b>

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Schedule	PROGRAM
9:30-10:10	<b>Structure of Matter Research</b> Gavin Vaughan, <i>ESRF Beamline Scientist (ID11)</i>
10:10-10:40	<b>Synchrotron Light in Material Discovery</b> Filipe Paz, <i>CICECO, U. Aveiro</i>
10:40-11:10	<b>Clearing up the Solid State. Synchrotron Radiation and the Structural Materials Group at CENIMAT/I3N</b> João Pedro Veiga, <i>CENIMAT, FCT-UNL</i>
11:10-11:30	<i>Coffee break</i>
11:30-12:10	<b>Macromolecular Crystallography</b> Bauke Dijkstra, <i>ESRF Research Director</i>
12:10-12:50	<b>The Portuguese Block Allocation Group at the ESRF– a 14-year Success Story (1999-2013)</b> Pedro Matias, <i>PT BAG Coordinator, ITQB- UNL</i>
12:50-14:00	<i>Lunch break &amp; Networking</i>
14:00-15:00	<b>Poster Session II</b>
15:00-16:00	<p><b>Why do we need Synchrotron Radiation for the characterization of nalidixic acid coordination networks?</b> Marta Martins, <i>IST</i></p> <p><b>X-ray scattering studies on biodegradable scaffolds for bone tissue engineering: effect of nanoparticles in the microscopic properties</b> Ana Tojeira, <i>CDRSP, Polytechnic Institute of Leiria</i></p> <p><b><i>Clostridium thermocellum</i> novel Type II Cohesin-Dockerin complexes: Marital fidelity or Poligamy?</b> Victor Alves, <i>FMV-UL</i></p> <p><b><i>D. gigas</i> Aldehyde Oxidoreductase activation and inactivation: characterization of inactive, activated and H<sub>2</sub>O<sub>2</sub>-inhibited forms.</b> Hugo Correia, <i>REQUIMTE, FCT-UNL</i></p> <p><b>A visit to ESRF: a view from a User with a case study in <i>Deinococcus radiodurans</i></b> Célia Romão, <i>ITQB-UNL</i></p>
16:00-16:15	<b>Closing Session</b> Maria João Romão & Francisco Braz Fernandes