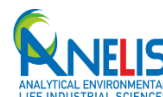




ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS



ΣΥΝΔΕΣΜΟΣ
ΕΠΙΧΕΙΡΗΣΕΩΝ και ΒΙΟΜΗΧΑΝΙΩΝ
Πελοποννήσου & Δυτικής Ελλάδας



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ESRF Information Day The Use of Synchrotron Radiation in Science

6 May 2022

Conference and Cultural Center University of Patras, Greece

Program

900 - 930	Welcome
	<ul style="list-style-type: none"> • Deputy Minister of Development & Investments, Research, Innovation and Technology • Deputy Governor of Entrepreneurship Research & Innovation Region of Western Greece • Rector, Vice Rector for Research and Development, Dean of the School of Natural Sciences (University of Patras) • Dean of the School of Natural Sciences (Aristotle University of Thessaloniki) • Representatives of the Greek Synchrotron Users Network (GrSUN)
930 - 1100	Session 1: ESRF Overview
930 - 1000	ESRF: Pioneering Synchrotron Science, engaging in science for society Francesco Sette, ESRF Director General, <i>The European Synchrotron Radiation Facility</i>
1000 - 1020	EBS: A new light for physical sciences - first scientific highlights Gema Martínez-Criado, <i>The European Synchrotron Radiation Facility</i>
1020 - 1040	EBS: A new light for life sciences - first scientific highlights Annalisa Pastore, <i>The European Synchrotron Radiation Facility</i>
1040 - 1100	ESRF Beamtime - Access, Proposals and Use Joanne McCarthy, <i>The European Synchrotron Radiation Facility</i>
1100 - 1130	Coffee Break
1130 - 1250	Session 2: Biomedical imaging & Cultural heritage
1130 - 1150	From cultural heritage to biomedical imaging, development of synchrotron phase-contrast hierarchical imaging at the ESRF Paul Tafforeau, <i>The European Synchrotron Radiation Facility</i>
1150 - 1210	Hard X-ray bio-imaging at the nanoscale P. Cloetens, S. Bohic, M. Eckermann, D. Karpov, F. Monaco, A. Pacureanu, M. Salome, <i>The European Synchrotron Radiation Facility</i>
1210 - 1230	Synchrotron Radiation in modern medical imaging Georgios Panayiotakis, <i>University of Patras</i>
1230 - 1250	Shedding new light on ancient technology: Synchrotron radiation-based micro-XANES and micro-XRF analysis of Egyptian blue from the Late Hellenistic workshop of Kos (Greece) Ariadne Kostomitsopoulou Marketou, <i>NF Norwegian School of Theology, Religion and Society</i>

12⁵⁰ - 13⁵⁰	Session 3: Life Sciences
12 ⁵⁰ - 13 ¹⁰	Facilities for Structural Biology at the European Synchrotron Christoph Mueller-Dieckmann, <i>The European Synchrotron Radiation Facility</i>
13 ¹⁰ - 13 ³⁰	The Cryo-EM facility at the ESRF: an essential tool for Integrated structural biology Eaazhisai Kandiah, <i>The European Synchrotron Radiation Facility</i>
13 ³⁰ - 13 ⁵⁰	Synchrotron Radiation as a catalyst for the evolution of Structural Biology in Greece Evangelia D. Chrysina, <i>National Hellenic Research Foundation</i>
13⁵⁰ - 15⁰⁰	Lunch Break
15⁰⁰ - 16⁴⁰	Session 4: Energy – Catalysis – Environment
15 ⁰⁰ - 15 ²⁰	Towards Holistic Understanding of Electrochemical Energy Conversion and Storage Systems Using High Energy X-rays Jakub Drnec, <i>The European Synchrotron Radiation Facility</i>
15 ²⁰ - 15 ⁴⁰	Shining synchrotron light in agriculture Hiram A. Castillo-Michel, <i>The European Synchrotron Radiation Facility</i>
15 ⁴⁰ - 16 ⁰⁰	X-ray absorption spectroscopy for industrial and environmental catalysis Kirill A. Lomachenko, <i>The European Synchrotron Radiation Facility</i>
16 ⁰⁰ - 16 ²⁰	X-Ray Absorption Fine Structure Spectroscopy as a tool to elaborate on the immobilization of pollutants in soil and groundwater Fani Pinakidou, <i>School of Physics, Aristotle University of Thessaloniki</i>
16 ²⁰ - 16 ⁴⁰	Solid-State Chemistry through the prism of synchrotron radiation: Case studies in the field of high-performance halide perovskite semiconductors Constantinos C. Stoumpos, <i>Department of Materials Science and Technology, University of Crete</i>
16⁴⁰ - 17⁴⁰	Session 5: Nanoscale matter & Quantum Materials
16 ⁴⁰ - 17 ⁰⁰	Nano-imaging of functional nanomaterials by spatially resolved X-ray diffraction Tobias U. Schüllli, <i>The European Synchrotron Radiation Facility</i>
17 ⁰⁰ - 17 ²⁰	Studies of Quantum Materials at the ESRF Nicholas B. Brookes, <i>The European Synchrotron Radiation Facility</i>
17 ²⁰ - 17 ⁴⁰	Total scattering – a probe for all length scales that matter Alexandros Lappas, <i>Foundation for Research and Technology-Hellas, Crete</i>
17⁴⁰ - 18⁰⁰	Coffee Break
18⁰⁰ - 18⁴⁰	Session 6: Industrial Research & Activities
18 ⁰⁰ - 18 ²⁰	The ESRF: a knowledge hub for industry Ed Mitchell, <i>Business Development Office, The European Synchrotron Radiation Facility</i>
18 ²⁰ - 18 ⁴⁰	Discussion
18⁴⁰ - 19⁰⁰	General discussion and wrap-up
19 ⁰⁰	End of meeting

Contact

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