

TIMETABLE

	PRESENTER	SUBJECT	CHAIR	
Tuesday, 17 May 2022	09:00 - 09:30 (30mins)	Mojtaba MOHAMMADI NAJAFABADI Director, Iranian Light Source Facility, IRAN	Status report on ILSF Project	Mojtaba MOHAMMADI NAJAFABADI
	09:30 - 10:00 (30mins)	Ehsan SALIMI Iranian Light Source Facility, IRAN	Progress report on ILSF Users' Development Activities	
	10:00 - 10:30 (30mins)	Mehdi KHODAEI K.N. Toosi University of Technology, IRAN	Application of Synchrotron Radiation in Industry and Knowledge-Based Economy	
	10:30 - 11:10 (40mins)	Giorgio MARGARITONDO Emeritus Professor, EPFL, SWITZERLAND	Fundamentals of Synchrotron Radiation and Its Applications	
	11:10 - 11:30	TEA BREAK		
	11:30 - 12:10 (40mins)	Andrea LAUSI Scientific Director, SESAME Light Source, JORDAN	SESAME, An Opportunity for Science and Growth	Saeed ASGHARIZADEH
	12:10 - 12:50 (40mins)	Aliakbar GHAFARI The Max Planck Institute for Chemical Energy Conversion, GERMANY	Investigation of the Electronic Structure of Solids by Spectroscopy Techniques	
	12:50 - 14:00	LUNCH BREAK		
	14:00 - 16:15	OPENING CEREMONY		
	16:15 - 16:45	TEA BREAK		
16:45 - 17:15 (30mins)	Atieh ZAMANI Khatam University, IRAN	Phase Stability, EXAFS Investigation and Correlation Between Magnetism and Local Order in Fe-Rich Thin Films	Amin EMAMI	
17:15 - 17:35 (20mins)	Hossein SIADATI K.N. Toosi University of Technology, IRAN	Synchrotron Results on Catalysts, Graphene Nanoplatelets, and Hydroxyapatite Nanoparticles		
17:35 - 18:00 (25mins)	Shiva SHIRANI University of Malaga, SPAIN	Analysis of Cementitious Building Materials by Synchrotron X-ray Imaging		
Wednesday, 18 May 2022	09:00 - 09:30 (30mins)	Amir S.H. ROZATIAN University of Isfahan, IRAN	At the Synchrotron: All Nights Long	Mahmoud TABRIZCHI
	09:30 - 10:00 (30mins)	Hossein AHMADVAND Isfahan University of Technology, IRAN	Synchrotron Based XRD and Neutron Diffraction Studies of Multiferroic Materials	
	10:00 - 10:30 (30mins)	Amin EMAMI Art University of Isfahan, IRAN	On the Trace of Arsenic Copper Production in 3rd BC: High Resolution Micro-XRD for Characterization of Metallurgical Residues, and Ores.	
	10:30 - 11:00	TEA BREAK		
	11:00 - 11:30 (30mins)	Sharmin KHARRAZI Tehran University of Medical Sciences, IRAN	How To Write a Good Proposal for Synchrotron Beamtime	Atieh ZAMANI
	11:30 - 12:00 (30mins)	Hossein KHOSROABADI Diamond Light Source, UK	X-ray optics in Diamond Light Source	
	12:00 - 12:30 (30mins)	Martin BECH Senior lecturer, Lund University, SWEDEN	Bio-medical imaging using synchrotron radiation	
	12:30 - 14:00	LUNCH BREAK		
	14:00-14:20 (20mins)	Abdolhamed SHAHEDI Kerman Graduate University of Advanced Technology, IRAN	Data Analysis Procedure of Synchrotron-Based X-Ray Absorption Spectroscopy	Sharmin KHARRAZI
	14:20-14:40 (20mins)	Sahel GANJI MaxIV Synchrotron, SWEDEN	Investigation of the Possibility of Breast Cancer Diagnosis Using Synchrotron-based X-Ray Fluorescence Spectroscopy (XRF) Technique from Human Hair and Nail Samples	
14:40-15:00 (20mins)	Fatemeh KARIMI Tehran University of Medical Sciences, IRAN	Investigations On Effect of Curcumin-Au Nanoparticles on SK-N-SH Cell Line Using Synchrotron Radiation Based IR Microspectroscopy		
15:00-15:30 (30mins)	Rémy CHAPOULIE Professor of Archaeometry, University Bordeaux Montaigne, FRANCE	Synchrotron Radiation for Cultural Heritage Investigations. Case Studies in Conservation of Prehistoric Caves in Dordogne (France), Characterization of Ancient Ceramics and Pigments (Italy) and Neolithic Potteries (Iran)		
15:30-16:10 (40mins)	Armin WAGNER I23 Principal Beamline Scientist, Diamond Light Source, UK	Structural Biology at Diamond Light Source: What Have We Learnt About Covid-19?		
16:10 - 16:30	CONCLUDING REMARKS			

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