

LEAD PROJECT PMWS SYMPOSIUM AGENDA

Graz University of Technology - Lecture hall "HS A (NT01004)"
Kopernikusgasse 24 (1st floor), A-8010 Graz

Time	25 September 2024	Time	26 September 2024
	Session Chair: Christof Sommitsch		Session Chair: Gregor Trimmel
14:00-14:30	Heteroepitaxial growth of oriented MOF films and patterns from ceramic templates Mercedes Linares Moreau , Institute of Physical and Theoretical Chemistry (PTC), TU Graz	09:00-09:30	Characterization of additively manufactured and in-situ alloyed porous structures by means of synchrotron X-ray diffraction Petra Spörk-Erdelyi , TU Graz – IMAT
14:30-15:00	Advanced Imaging & AI-based Analysis for Improved Porous Material Designs Roland Brunner , MCL	09:30-10:00	X-ray diffraction under grazing incidence conditions Stefan Kowarik , University of Graz – Institute of Chemistry
15:00-15:30	Light in a Heartbeat: From Synthesis to Controlling Cardiomyocytes Peter Štacko , University of Zurich - Institute of Chemistry (IFC)	10:00-10:30	Nano-Visions: Exploring Research Frontiers with Electron Microscopy Gerald Kothleitner , Institute of Electron Microscopy and Nanoanalysis (FELMI) TU Graz & Graz Centre for Electron Microscopy (ZFE) Austrian Cooperative Research (ACR)
15:30-16:00	Coffee break	10:30-11:00	Coffee break
	Session Chair: Egbert Zojer		Session Chair: Karin Zojer
16:00-16:30	Self-healing of damage in alloys Cecilia Poletti , TU Graz – IMAT	11:00-11:30	Topological Analysis of Reticular Framework Materials with ToposPro Davide Proserpio , UNIMI Italy
16:30-17:00	On surface Molecular Frameworks - Synthesis, Properties and Function Dana Medina-Tautz , CUP.Uni-München (online)	11:30-12:00	Limits and Advances in Quantitative Bioimaging Heimo Wolinski , University of Graz – Department of Molecular Biosciences
17:00-17:30	Small angle X-ray scattering to "see" nano-structures? Heinz Amenitsch , Elettra Sincrotrone Trieste	12:00-13:00	Lunch
17:30-19:30	Get Together and Poster Session by PMWS PhDs with finger food and drinks	13:00	PMWS management meeting
	End		End

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Time

27 September 2024

09:00-
12:00**Workshop:**

A crash course on ToposPro: Analysis of MOFs underlying nets (occurrences and entanglements)

***Davide Proserpio**, UNIMI Italy*