

Raman Workshop 2021

program



	Monday 28.06.	Tuesday 29.06.	Wednesday 30.06.	Thursday 01.07.	Friday 02.07.
15.00	<p>Opening</p> <p>Peter Vandenabeele Universiteit Ghent <i>Raman spectroscopy of cultural heritage: in- and outside the laboratory</i></p> <p>Renato Zenobi ETH Zürich <i>Nanoscale Chemical Analysis and Imaging using Tip-Enhanced Raman Spectroscopy</i></p>	<p>Welcome</p> <p>Andrés Cantarero Sáez Universitat de València <i>Resonant Raman scattering in extremely narrow GaN nanowires</i></p> <p>Katrin Domke Max Planck Institut Mainz <i>ERS insights into solid/liquid interfaces and their (electro)chemical reactivity</i></p>	<p>Welcome</p> <p>Gemma de la Flor Karlsruher Institut für Technologie <i>Symmetry Analysis of IR, Raman and hyper-Raman processes by the Bilbao Crystallographic Server</i></p> <p>Matthieu Paillet Université de Montpellier <i>Double-walled carbon nanotubes: A unique model system for studying coupling at the nanoscale</i></p>	<p>Welcome</p> <p>Stefan Maier Ludwig-Maximilians-Universität München <i>Photo-induced enhanced Raman scattering for probing atomistic defects in transition metal oxides</i></p> <p>Karen Faulds University of Strathclyde <i>Multiplexed and Sensitive Bioanalysis using SERS and SESORS</i></p>	<p>Welcome</p> <p>Bin Ren Xiamen University <i>TERS: from ambient to electrochemical conditions</i></p> <p>Ivan T. Lucas CNRS-Sorbonne Université <i>Elucidation of complex electrochemical mechanisms by electrochemical – TERS</i></p>
	Break	Break	Break	Break	Break
16.00	<p>Kaushik Sen Karlsruher Institut für Technologie <i>Electronic Raman scattering study of charge dynamics in solids</i></p> <p>Dario Polli Politecnico di Milano <i>Broadband coherent Raman microscopy for non-linear label-free imaging of cells and tissues</i></p>	<p>Thomas Nuytten imec Leuven <i>Enhanced light coupling into nanostructured arrays as an enabler for advanced Raman-based metrology</i></p> <p>Young investigator pitches Carin Rae Lightner ETH Zurich <i>A new approach to Raman Optical Activity Instrumentation</i></p> <p>Christina Hill Uni. Luxembourg <i>Probing Band-to-Band Transitions in BiVO4 Single Crystals by Resonant Raman Spectroscopy</i></p> <p>Adrián Gómez-Sánchez Universitat de Barcelona <i>3D Raman and 4D Fluorescence Image Fusion: Coping with Differences in Spectroscopic Modes among Hyperspectral Images</i></p>	<p>Martin Jaggi EPF Lausanne <i>Supervised and unsupervised machine learning for Raman signals</i></p> <p>Andreas Leemann Empa Dübendorf <i>Alkali silica reaction in concrete: characterization of products by Raman Microscopy</i></p>	<p>Ali Özhan Altun UNISERS, ETH Zürich <i>Analysis of non-volatile residues with universal surface enhanced Raman spectroscopy</i></p> <p>Q&A with speakers</p>	<p>Zhenfeng Cai ETH Zürich <i>Nanoscale analysis of on-surface chemistry using TERS</i></p> <p>Patrick Z. El-Khoury Pacific Northwest National Laboratory <i>TERS adventures on the right-hand side of the Schrodinger equation</i></p>
	Q&A with speakers	Q&A with speakers	Q&A with speakers	Raman Cocktail	Vartkess A. Apkarian University of California, Irvine <i>Atomic limit in optical microscopy, or is it electron microscopy?</i>
17.15	End	End	End	(open) End	End