

Tentative Program

(as of 07/11/2024)

Tuesday November 12, 2024

08:00-08:45	Registration	
08:45-09:00	Opening	
09:00-09:40	Deep Jariwala (University of Pennsylvania, USA) Nanomaterials Characterization for Functional Devices: The role of Raman Spectroscopy	P
09:40-09:55	Jean-Christophe Le Breton (Institut de Physique de Rennes, France) Transport properties of monolayer MoS2 Functionalized with electro-active molecules	O
09:55-10:15	István Csarnovics (University of Debrecen, Hungary) Peculiarities of using different nanostructures for surface-enhanced Raman scattering	I
10:15-10:30	Ioannis Gkikas (Chalmers University of Technology, Sweden) Raman Peak Analysis and Assignment in Conjugated	O
10:30-11:15	Coffee Break / Poster Session / Exhibition	
11:15-11:45	Ludovic Duponchel (Université de Lille, France) LIBS and Raman image fusion: An original approach based on the use of chemometric methodologies	K
11:45-12:00	Raquel Portela (CSIC, Spain) Towards Open, FAIR and Intelligent Raman Spectroscopy	O
12:00-12:15	Nour Karawani (Ben gurion university of the negev, Israel) Developing an AI algorithm for Raman spectrum analysis	O
Company Talks		
12:15-12:20	Katja Holland-Moritz (S.T.Japan-Europe GmbH, Germany) Cutting-Edge Solutions: Like a Pocket Knife, But for Your Lab	
12:20-12:25	Thomas Eckes (Lumibird, France)	
12:25-12:30	Wojciech Gora (Chromacity Ltd, UK)	
12:30-12:35	Renaud Decombe (HORIBA, France) Multimodal Colocalized Measurements: Bringing Chemical Fingerprint to AFM	
12:35-12:40	Sam Lawrence (CytoViva, USA) Multi-Modal Imaging and Analysis: Combining Enhanced Darkfield Hyperspectral Microscopy with Confocal Raman Microscopy	
12:40-14:00	Lunch & Poster Session / Exhibition	
14:00-15:00	Round Table "From your lab to business" Panelists - Oleksii Ilchenko (Lightnovo, Denmark) / Jérôme Michon (inSpek, France) / Matteo Negro (Cambridge Raman Imaging Ltd., Italy) Moderators: Philippe de Bettignies & Olivier Acher (HORIBA, France)	
15:00-15:20	Pola Goldberg Oppenheimer (University of Birmingham, UK) Advanced Handheld Spectroscopic Portable Technologies for Point-of-Care Neurodiagnostics	I
15:20-15:35	James Thomson (Lightnovo UK, UK) MiniRaman: Handheld and microscope, for convenient diagnostic assistance	O
15:35-15:50	Karolina Turczynska (Lodz University of Technology, Poland) Portable Raman Spectrometer – future diagnostic tool in cartilage tissue damage	O
15:50-16:10	Claire Mangeney (Université Paris - Descartes, France) Raman Reporters Derived From Aryl Diazonium Salts for SERS Encoded-Nanoparticles	I
16:10-17:00	Coffee Break / Poster Session / Exhibition	

Tuesday November 12, 2024

17:00-17:20	Yann Gallais (Université Paris Cité, France) Ultrafast dynamics of quantum materials by time resolved Raman scattering	I
17:20-17:35	Lluis F. Marsal (Universitat Rovira i Virgili, Spain) Cost-effective approach to fabricate highly sensitive surface enhanced Raman scattering (SERS) substrates	O
17:35-17:50	Michael Scherman (ONERA, France) Hybrid fs/ps-CARS microscopy for identification of simili-explosive powders	O
17:50-18:05	Chiara Nannuzzi (University of Turin, Italy) Dispersion studies of VOx/WOx/TiO2 catalysts: the importance of combining Raman and IR spectroscopies	O
18:05-18:20	Lavinia Appold (Robert Bosch GmbH, Germany) The use of Raman spectroscopy for quality analysis of hydrogen	O
18:20-18:35	Nicole Abdou (Chalmers University of Technology, Sweden) Structural battery electrolytes: effect of composition on the physico-chemical properties	O
20:30		Conference Dinner

Wednesday November 13, 2024

09:00-09:30	Giulio Cerullo (Politecnico di Milano, Italy) Broadband stimulated Raman scattering microscopy	K
09:30-09:45	Jessica Gabb (IS Instruments, UK) Raman Spectroscopy of Gasses using Hollow Core Micro-Structured Optical Fibres	O
09:45-10:00	Sylvie Lebrun (Laboratoire Charles Fabry de l'Institut d'Optique, CNRS, Université Paris-Saclay, France) Optical nanofibers immersed in liquids for highly efficient Stimulated Raman Scattering	O
10:00-10:15	Hirak Chatterjee (University of Granada, Spain) Bubble-Assisted Laser Tweezers Raman Spectroscopy	O
10:15-10:35	Miguel A. Bañares (CSIC-Instituto de Catalisis, Spain) Operando Raman methodology, getting a grip on structure-performance of working functional materials: the catalysis instance	I
10:35-11:25	Coffee Break / Poster Session / Exhibition	
11:25-11:45	Andrea Mario Rossi (INRIM, Italy) Standardization and Harmonization Effort on Microplastics Analysis by Spectroscopic Methods	I
11:45-12:00	Dimitrios Tsikritsis (National physical laboratory, UK) Calibration methods for Raman spectrometers in Clinical applications	O
12:00-12:15	Sahra Homaei (Helmholtz Institute Freiberg for Resource Technology, Germany) Raman Spectroscopy Investigations on Carbon Dioxide Sequestration through Wet Carbonation of Ca and Mg Silicate-Rich Minerals	O
12:15-12:30	Luca Poletto (CNR-Institute for Photonics and Nanotechnologies, Italy) Measurement of composition of natural gas and hydrogen-enriched natural gas mixtures by industrial-grade Raman spectroscopy	O
12:30-14:00	Lunch & Poster Session / Exhibition	
14:00-14:30	Senada Koljenović (Antwerp University Hospital / University of Antwerp, Belgium) Improving oral cancer surgery by intra-operative assessment of resection margins: need for objective techniques	K
14:30-14:50	Sara Abalde (INL, Portugal) SERS-based optofluidic platforms and spectromics for health applications	I
14:50-15:10	Ali Tfayli (Université Paris Saclay, France) Skin barrier function characterization by Raman spectroscopy: from in vitro to in vivo	I
15:10-15:25	Paulina Filipczak (Lodz University of Technology, Poland) Evaluation of an articular cartilage degradation level with use of Raman spectroscopy	O
15:25-15:40	Ahmad Assadi (Ben-Gurion University of the Negev, Israel) Innovative Optical sensor based on gold nanostructures for Detection of Thiol-Containing Molecules in Blood	O
15:40	Closing	