



# ASC Winter School, 11<sup>th</sup> March – 15<sup>th</sup> March 2024, Leipzig University

## Advanced Spectroscopy – Applications in Chemistry



March, 11	March, 12 // Tue	March, 13 // Wed	March, 14 // Thu	March, 15 // Fri
	08:15 <i>Registration</i>	08:45-10:15 <i>Enabling sustainable molecular transformations with plasmonics and designer nanoparticles</i> (Pedro Camargo, Helsinki University)	09:00-10:30 <i>High-resolution rotational and ro-vibrational spectroscopy of small gas-phase molecules</i> (Filippo Tamassia, Bologna University)	09:00-10:30 <i>Dissolution rate spectra - a very unusual type of spectrum</i> (Cornelius Fischer, HZDR Leipzig)
	08:45 <i>Opening</i> 09:00-10.30 <i>X-ray Imaging and Tomography</i> (Thomas Sheppard, Leipzig University)			
	Coffee break	Coffee break	Coffee break	Coffee break
	10.45-12:15 <i>Modern IR imaging across different scales</i> (Thomas Wrobel, Krakow, Solaris)	10:30-12:00 <i>Title</i> (Giuliana Aquilanti, Elettra)	10:45-12:15 <i>In-situ XPS studies of surface reactions - synchrotron-based XPS</i> (Christian Papp, FU Berlin)	10:45-12:15 <i>Ion soft-landing</i> (Jonas Warneke, Leipzig University)
	Lunch break	Lunch break	Lunch break	12:15 <i>Closing Ceremony</i>
	14:00-15:30 <i>How to write a master thesis</i> (Kerstin Gackle, Leipzig, Academic lab)	12:45-18:00 <i>Chemistry Companies Tour</i>  (Visit of chemical companies at the Chemistry Parc close to Bitterfeld – Bus transfer)	14:00-15.30 <i>Alumni reports</i> (Elena Giaretta, Veronica Di Battista) <i>Evaluation survey</i>	<b>Venue:</b> Universität Leipzig Fakultät für Chemie u. Mineralogie Johannisalle 29, 04103 Leipzig  <b>Registration:</b> Hallway in front of room 015  <b>Talks/ Presentations:</b> Room 015 (Small Lecture Hall)
	Coffee break		Coffee break	
	15:45-17:15 <i>Title</i> (Robert Schneider, Grenoble University CEA)		15:45-17.15 <i>ASC poster event</i>	
	19:00 <i>Conference Dinner</i>			