

## Posters II

Stephan Klumpp	<b>PETRA IV - The ultimate 3D-X-ray Microscope - General Project Information</b>
Patrick Lömker	<b>Establishing operando catalysis photon electron spectroscopy at PETRA IV with the POLARIS setup</b>
Leila Noohinejad	<b>4th Generation- synchrotron X-ray: New opportunities for advanced crystallography with high resolution detectors</b>
Christian Schroer	<b>Understanding Complex Materials and Processes in Nature and Technology with the Ultimate X-ray Microscope PETRA IV</b>
Martin Seyrich	<b>Multi-electron Wave Propagation Simulations of Nano-Imaging Beamlines at Diffraction Limited Storage Rings: Opportunities and Challenges</b>
Yoo Jung Sohn	<b>Synchrotron X-ray microdiffraction on thermal barrier coating revealing multi-phase evolution upon thermal loading</b>
Jakob Soltau	<b>Hard x-ray microscopy enhanced by coherent image reconstruction</b>