

Novel Accelerators for Electron Diffraction

Monday, June 17, 2019

Novel Accelerators for Electron Diffraction: Applications of Electron Diffraction - delivery LAB (9:00 AM - 10:00 AM)

time	[id] title	presenter
9:00 AM	[1] Application of electron diffraction in biology	Prof. ABRAHAMS, Jan Pieter
9:15 AM	[2] Electron diffraction: insulin, thermolysin and peptide	HOUSSET, Dominique
9:30 AM	[3] Applications in chemical research	Dr HINRICHSEN, Bernd
9:45 AM	[8] Discussion: What are the key parameters / figures of merit for the electron source?	ISCHEBECK, Rasmus

Novel Accelerators for Electron Diffraction: Electron Acceleration and Optics - delivery LAB (10:30 AM - 11:30 AM)

time	[id] title	presenter
10:30 AM	[5] Electron diffraction experiments with a radio-frequency source	Prof. LI, Renkai
10:45 AM	[6] Simulation of THz acceleration	Prof. TIBAI, Zoltan
11:00 AM	[4] THz acceleration	Dr MATLIS, Nicholas
11:15 AM	[7] Discussion: How could these methods advance the field of electron diffraction?	Dr LATYCHEVSKAIA, Tatiana

Novel Accelerators for Electron Diffraction: Enabling Technologies - delivery LAB (2:00 PM - 3:15 PM)

time	[id] title	presenter
2:00 PM	[9] Hybrid Pixel Detectors	FRÖJDH, Erik
2:15 PM	[10] Terahertz Sources	Dr FULOP, Jozsef
2:30 PM	[11] Electron Diffraction: Crystallographic approach and its applications to organic molecules	STEINFELD, Gunther Dr SANTISO-QUINONES, Gustavo
2:45 PM	[15] The effect of manufacturing tolerances onto the functional specifications of charged particle equipment	Mr BLOM, Paul
3:00 PM	[12] Discussion: Key enabling technologies	Dr REHANEK, Jens

Novel Accelerators for Electron Diffraction: Possible Applications of Next-Generation Instruments - delivery LAB (3:45 PM - 4:30 PM)

time	[id] title	presenter
3:45 PM	[13] Future applications in pharmaceutical research	Dr STOWASSER, Frank
4:00 PM	[16] Discussion:	SOKOLOWSKI-TINTEN, Klaus ISCHEBECK, Rasmus