

SPA-LEED WORKSHOP

October 09-11, 2024

Invited speakers

Till Domröse MPI Göttingen:
*Nanobeam Ultrafast Electron Diffraction of
Structural Phase Transformations*

Philip Schädlich TU Chemnitz:
*Low-energy Electron Microscopy: Stacking
Relations and Graphene-Substrate Interactions*

Moritz Sokolowski U Bonn:
*Layers of Large Organic Molecules - From SPA-
LEED to IV-LEED and Reverse*

Michael Tringides Ames Lab, USA:
*A Long-standing Paradox: Broad Diffraction Spots
Measure High-quality 2D Materials*

Andreas Undisz TU Chemnitz:
*Spatially Resolved Phase Detection in the Near-
surface Area Using TEM*

Scientific topics

Low energy electron diffraction
Diffraction in related techniques: TEM and LEEM
X-ray diffraction: XRD, GIXRS
Chemical reactions solid surfaces
Dynamic behaviour of solids and surfaces
Surface structures, growth and 2D materials
New instruments & methods



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Venue:

TU Chemnitz
eniProd, C16
Reichenhainer Straße 70, 09126
Chemnitz