

CRR User Meeting

Friday 5 April 2024 - Friday 5 April 2024

CFEL

Scientific Programme

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11:00 - 11:30 Franziska Esmek

"Development of a microfluidic system for DNA Extraction and Analysis"

11:30 – 12:00 Thomas Keller

"Coherent x-ray diffraction of a semiregular Pt nanodot array"

Poster Session

12:00 - 13:00

Bojan Bosnjak

"Voyager, Wirebonder and Waferdicer"

Stefanie Haugg

"FIB-SEM- ZEISS Crossbeam 550"

Patrick Klein

"Micro and Nanostructured High-Temperature Superconductors for Transient Spectroscopic Methods"

Nasri Rukan

"Micro- and Nanofluidic Devices for Vacuum-Compatible UV Light Experiments"

Arti Dangwal Pandey

"RIE and PECVD"

Malte Siegmund

"Integration of Electric Circuits into Microprinted Cell Culture Scaffolds for Three-Dimensional Microelectrode Arrays"

13:00 - 13:30 Tomke Glier

"Micro and Nanostructured High-Temperature Superconductors for Transient Spectroscopic Methods"

13:30 – 14:00 Vincent Strenzke

"Hybrid quantum devices based on van-der-Waals materials"

14:00 – 14:30 Jeremy Teuber

"Fabrication of electron transparent membranes and nanostructures in fluidic devices by NIL and Flow-Through gas-phase deposition"

14:30 - 15:00 Melike Gumus Akcaalan

"Fabrication of Microwave Microreactor for in-situ X-ray Absorption Studies of Nanomaterials in

Solution”

15:30 - 16:00 Guido Meier

“Magnon dynamics studied by time-resolved resonant X-ray scattering”

16:00 – 16:30 Eryin Wang

“Ultrafast electronics on chip”