

User Event 2024 of SNI's Nano Imaging Lab

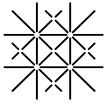
23 April 2024

09:00 – 12:00

Universität Basel – Pharmazentrum

Swiss Nanoscience Institute (SNI) – Nano Imaging Lab

Klingelbergstrasse 50 – CH4056 Basel



User Event 2024 of SNI's Nano Imaging Lab

The Nano Imaging Lab would like to invite you to our third User Event. By short talks the wide spectrum of applications done in our lab will be presented and the event offers the opportunity to discuss with other users.

The meeting is open to everybody, who is interested in the activities of the Nano Imaging Lab, not only to users.

On: 23 April 2024
Time: 09:00 – 12:00
Location: Swiss Nanoscience Institut (SNI), University of Basel
Klingelbergstrasse 50
Hörsaal 2, Foyer EG

Please register by sending a mail until 27 March 2024 to nanoimaging@unibas.ch

Program

- 09:00 Welcome Note
Dr. Marcus Wyss
- 09:15 High Quality Ge/Si Heterostructures for Spin Qubits Applications
Arianna Nigro, Department of Physics, University of Basel
- 09:30 Functionalization of Metal Nanoparticles: How Spark Ablation Creates Versatile Particles for Effective Coating of TiO₂
Benjamin Gfeller, Department of Environmental Sciences, University of Basel
- 09:45 Enhanced Electron Spin Coherence in a GaAs Quantum Emitter
Giang N. Nguyen, Department of Physics, University of Basel
- 10:00 Coffee Break
- 10:30 Dental Plaque Biofilm: How Structure Determines Function
Dr. Viktoriya Shyp, University Center for Dental Medicine Basel (UZB)
- 10:45 Scanning NV Magnetometry of Focused-Electron-Beam-Deposited Cobalt Nanomagnets
Liza Žaper, Department of Physics, University of Basel
- 11:00 Mimicing the T6SS Speargun to Examine the (*P. aeruginosa*) Retaliatory Phenotype
Mitchell Brüderlin, Biozentrum, University of Basel
- 11:15 Magnetic Properties of an Individual Magnetospirillum Gryphiswaldense
Mathias Claus, Department of Physics, University of Basel
- 11:30 Closing Remarks / Award Ceremony for Thomas Zünd (mz partner GmbH)
Dr. Marcus Wyss

We are looking forward to seeing you at our User Event!