



Swiss Nanoscience Institute
Center of Excellence supported
by the University of Basel
and the Canton of Aargau



**University
of Basel**

Swiss Nanoscience Institute

Nano Imaging Lab User Event 2026

April 14th, 2026
9:00 to 12:00
Pharmazentrum
Klingelbergstrasse 50
4056 Basel



User Event 2026 of SNI's Nano Imaging Lab

The Nano Imaging Lab would like to invite you to our fifth 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: 14 April 2026
Time: 09:00 – 12:00
Location: University of Basel | Pharmazentrum
Swiss Nanoscience Institute (SNI)
Klingelbergstrasse 50
Hörsaal 2, Foyer EG



Please register under <https://form.jotform.com/260084439899069>

Program

- 09:00 Welcome Note and NI Lab Research Highlights
Dr. Marcus Wyss, Swiss Nanoscience Institute (SNI), University of Basel
- 09:15 Scanning SQUID microscopy of 2D magnets
Katharina Kress, Department of Physics, University of Basel
- 09:30 Examples of efficient ice nucleating particles in clouds identified by CLSM and SEM/EDX
Annika Einbock, Department of Environmental Sciences, University of Basel
- 09:45 Electrospun nanofibrous scaffolds for bone tissue engineering
Isabelle Imhof, University Center for Dental Medicine Basel UZB, University of Basel
- 10:00 Programmable Origami for Regulated Exchange (PORE-X): NPC-Inspired DNA Nanopores
Lukas Beckert, Biozentrum, University of Basel
- 10:15 Coffee Break sponsored by SNI
- 10:45 Quality control and research in printed electronics
Dr. Jakoba Heidler, CSEM SA, Allschwil
- 11:00 A FRET-based nano-thermometer measures local laser heating in zero-mode waveguides
Fabian Zundel, Department of Chemistry, University of Basel
- 11:15 SAXO6, a gene linked to late-onset retinal dystrophy, is a microtubule inner protein of photoreceptor cilia
Dr. Abigail Moye, Institute of Molecular and Clinical Ophthalmology Basel (IOB), University of Basel
- 11:30 Nanoparticle-Based Enzyme Replacement: From Formulation to Functional Validation
Boris Sevarika, Department of Pharmaceutical Sciences, University of Basel
- 11:45 Closing Remarks
Dr. Marcus Wyss

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