



SFB Tomography
Across the Scales



universität
wien

The 6th SFB Member Meeting

Hotel Bergkristall, Wildalpen
September 12–15, 2023

Programme

Tuesday, September 12

- 18:30 – 20:00 Dinner
- 20:00 – ... **Evening Activity**
Campfire & Sit Together

Wednesday, September 13

Chairing: Ekaterina Sherina

- 09:00 – 09:45 **Opening and Information Meeting + Chasing after Singularity**
Ekaterina Sherina, Uni Wien
- 10:00 – 10:45 **Retrieving Phase Information from Time-Series Measurements**
Simon Hubmer, RICAM Linz
- Open from 10:45 Fluid Coffee Break
- 11:00 – 11:45 **Ultrasound induced reorientation for multi-angle OCT**
Mia Kvåle Løvmo, Med Uni Innsbruck
- 12:00 – 13:30 Lunch
- 13:30 – 14:15 **Let's talk about scientific writing**
Montserrat Lopéz Martinez, TU Wien
- 14:30 – 15:15 **Sliced Optimal Transport on the Sphere**
Michael Quellmalz, TU Berlin
- 15:30 – 16:00 Coffee Break
- 16:00 – 16:45 **Capturing Moments of Insight: A Pictorial Retrospective of ICIAM23**
Fabian Hinterer, JKU Linz, Leopold Veselka, Uni Wien

- 17:00 – 18:00 **Group Work**
- 18:00 – 19:30 Dinner
- 19:30 – ... **Evening Activity**
with Fabian Hinterer, JKU Linz

Thursday, September 14

Chairing: Prashin Jethwa

- 09:00 – 09:45 **Rethinking (a)symmetry: on geometric conditions for motion reconstruction in diffraction tomography**
Denise Schmutz, Uni Wien
- 10:00 – 10:45 **Dynamical modelling with DYNAMITE**
Stefanie Reiter, Uni Wien
- Open from 10:45 Fluid Coffee Break
- 11:00 – 11:45 **LaTeX & Co. for Optics**
Lisa Krainz, Med Uni Wien
- 12:00 – 13:30 Lunch
- 14:00 – 18:00 **Collaboration discussions / Afternoon Activity**
- 18:00 – 19:30 Dinner
- 19:30 – ... **Evening Activity**
with Prashin Jethwa, Uni Wien

Friday, September 15

Chairing: Simon Hubmer

- 09:00 – 09:45 **From the H-Bomb to a Statistical Revolution – Behind the Metropolis Algorithm**
Fabian Parzer, Uni Wien
- 10:00 – 10:45 **What is a Probabilistic Programming Language?**
Prashin Jethwa, Uni Wien
- Open from 10:45 Fluid Coffee Break
- 11:00 – 11:45 **Generative Sliced MMD Flows with Riesz Kernels**
Christian Wald, TU Berlin
- 12:00 – 13:30 Lunch
- 13:45 Departure