

The logo for the Erwin Schrödinger International Institute for Mathematics and Physics (ESI), consisting of the letters "ESI" in a bold, blue, sans-serif font.

Erwin Schrödinger International Institute
for Mathematics and Physics

**Program for VSMD23 on December 1st 2023
at ESI, Boltzmannngasse 9A, 1090 Wien**

08:30 - 09:00: Registration

08:50 - 09:00: Welcome

09:00 - 09:20: Carina Karner (TU Wien) - *Frustrated colloidal crystals: order between crystal and gel*

09:20 - 09:40: Maximilian Huebl (ISTA): *Asymptotic Stability of Self-Assembled Structures*

09:40 - 10:00: Nikolaos Kalafatakis (Uni Wien): *Building a strain and stress-controlled linear rheometer for rheomicroscopy*

10:00 - 10:20: Flash talks (Presenter first names A-J)

10:20 - 11:50: Coffee + Poster (Presenter first names with A-J)

11:50 - 12:10: Preeti Sahu (ISTA): *Biomechanics of stem cell fate decision-making*

12:10 - 12:30: Cedrik Barutel (TU Wien): *Out of equilibrium patterning on cytoskeletal filaments*

12:30 - 12:40: Group Photo

12:40 - 13:40: Lunch

13:40 - 14:00: Vittoria Sposini (Uni Wien): *Glassy phases of the Gaussian Core Model*

14:00 - 14:20: Pablo Montero (Uni Wien) : *Comparing ab initio machine learning potentials for water: kernel-based vs. Behler-Parrinello-Neural-Network*

14:20 - 14:40: Tayebbeh Saghaei (BOKU): *Electro-Acoustic Spinning (EAS)*

14:40 - 15:00: Flash talks (Presenter first names with K-Z)

15:00 - 16:30: Coffee + Posters (Presenter first names with K-Z)

16:30 - 16:50: Tanmay Biswas (TU Wien): *Phase separation of a mixture of symmetric ultra soft particles*

16:50 - 17:10: Dan Grober (ISTA): *Soft Materials meet Active Matter: Sticky Colloids in a Bacterial Bath*

17:10 - 17:30: Closing remarks

17:30 - 19:00: Discussions, Wine and cheese