

Program SMILS 2025

Monday, June 16th

All Times are Central European Summer Time (CEST).

10:30 **Registration and coffee**

11:00 **Welcome Address**

Thomas Laurell, *Acoustofluidics Group* (EH Coordinator)

Session 1: Chair TBD

11:10 **Two photon polymerization for structured and dynamic microfluidic systems**

Christine Selhuber-Unkel, Heidelberg University, Germany

12:00 **Presentation**

12:20 **Exhibitor Flash talks**

12:35 **Networking Lunch and industrial exhibits**

Session 2: Chair TBD

13:35 **Cells Under Stress - Deformability Cytometry for High-Throughput Phenotyping**

Shada Hofemeier Abuhattum, Max Planck Institute, Erlangen, Germany

14:25 **Presentation**

14:45 **Presentation**

15:05 **Poster Pitch Presentation**

15:35 Networking, fika, poster exhibition

Session 3: Chair TBD

16:20 Presentation

16:40 Presentation

17:00 Presentation

17:20 Presentation

19:00 Conference Dinner

Tuesday, June 17th

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Session 4: Chair TBD

09:00 **Integrating microfluidics and light sheet illumination for whole-cell multi-target 3D single-molecule super-resolution imaging**

Anna-Karin Gustavsson, RICE University, Houston

09:50 **Presentation**

10:10 **Poster Pitch Presentation**

10:45 **Networking, fika, poster exhibition**

Session 5: Chair TBD

11:35 **Presentation**

11:55 **Presentation**

12:15 **Presentation**

12:35 **Lunch**

Session 6: Chair TBD

13:40 **Bacteria-Immune System Interactions for Innovative Vaccine Development**

Johan Malmström, Lund University, Sweden

14:30 **Presentation**

14:50 **Presentation**

14:30 **Award Ceremony and Concluding Remarks**

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