



Phase change phenomena in multiphase flows

SIAMUF welcomes you to the online seminar on different aspects of phase change phenomena in multiphase flows. The **online seminar** will take place on **May 20, 13.00 – 16.20**.

We have a pleasure of welcoming the following speakers:

1. **13.00 – 13.10:** Introduction to the seminar, **Dragana Arlov, Srdjan Sasic**
2. **13.10 – 13.50:** **Erik Thomson (Gothenburg University, Sweden)**

Atmospheric Ice Particles and Water Droplets: How clouds form, evolve, and impact climate

3. **13.50 – 14.30:** **Anna Jawor-Baczynska (Astra Zeneca, UK)**

The Deployment of Population Balance Modelling to Optimise Particle Processability in Pharmaceutical Crystallisation Processes

14.30 – 14.40: Break

4. **14.40 – 15.20:** **Paul Ayegba (California State University Long Beach, USA)**

Flow boiling under various pressure and gravity conditions

15.20 – 15.30: Break

5. **15.30 – 16.10:** **Justin Weibel (Purdue, USA):**

Leveraging Additive Manufacturing to Enable Optimized, Embedded Phase-Change-Based Cooling Technologies

6. **16.10 – 16.20:** **Dragana Arlov, Srdjan Sasic**

Closing remarks, announcement of the autumn seminar

Each presentation involves 5 min for a discussion.