

SIAMUF - May 20

13.00 – 13.05: Olle Tornblom (Alfa Laval) – Introduction to seminar

1. **13.05 – 13.40** Bernhard Mehlig (GU): On droplet-droplet collisions - experiments, theory and simulations
2. **13.45 – 14.05:** Xue-Son Bai (LTH): Covid-19 virus spread in elevators - LES study
3. **14.05 – 14.25:** Matthäus Bäbler (KTH): Fragmentation statistics of heavy and light particles in a homogeneous isotropic turbulence
4. **14.25 – 14.45:** Johan Revstedt (LTH): Large particles in pipe flow – effects of size and volume fraction
5. **14.55 – 15.30:** Shervin Bagheri (KTH): Multiphase flows in surfaces and porous materials
6. **15.40 – 16.00:** Konstantinos Konstantinidis (Chalmers): Droplets on superhydrophobic surfaces
7. **16.00 – 16.20:** Olle Tornblom (Alfa Laval): Aqueous Two-Phase Systems for Separator Benchmarking
8. **16.20 – 16.40:** Luis Martin de Juan (Astra Zeneca): Multiphase modelling challenges in pharmaceutical industry
9. **16.40 – 17.00:** Johan Göhl (FCC): Melt Pool Simulation of Metal Powder Bed Fusion

17.00: Closing of the seminar