SIAMUF Seminar 2021 (Autumn)

<div align="right">November 22, 13.00</div>

Program of presentations

13.00 – 13.05: **Olle Tornblom**. Introduction to the seminar.

13.05 – 13.25: **David Pallarès** (Chalmers). Experimental drag on larger spheres immersed in a gas-solids emulsion.

13.25 – 13.45: **Dragana Arlov** (Tetra Pak). Study of flow fields in a mixing tank with particles using CFD.

13.45 – 13.55: Break

13.55 – 14.15: **Shuo Yang** (LTH). Experimental Study of Gas-Liquid Mass Transfer in Microchannels by Digital Image Analysis Method.

14.15 – 14.35: **Anders Åkesjö** (Chalmers). Modified heat transfer surfaces as a means to enhance vertical falling film evaporation.

14.35 – 14.55: **Sohrab Sattarzadeh Shirvan** (Alfa Laval). Video imaging microscopy for separation efficiency benchmarking: Canty Inflow Analyzer.

14.55 – 15.05: Break

15.05 – 15.25: **Johan Remmelgas** (Research Centre Pharmaceutical Engineering). Development of a DEM-based Digital Twin of a Continuous Tablet Manufacturing Process.

15.25 – 15.45: **Niklas Hidman** (Chalmers). An efficient multiscale framework for small-scale bubble dynamics in turbulence.

15.45 – 16.05: **Tobias Forslund** (LTU). The effects of periodicity assumptions in porous media modelling.

16.05 – 16.25: **Johan Göhl** (FCC). Balanced Force Formulation for Multiphase Flows.

16.25 – 16.35: Discussion and closing of the seminar