

## Interpore Norway 4th National Workshop

**Date: 1<sup>st</sup> of December, 2021**

**Location: Scandic Ørnen, Lars Hilles gate 18, 5008 Bergen**

09:00 – 09:45 MAJID HASSANIZADEH (UNIVERSITY OF STUTTGART)

*Inaugural lecture. Printing personalised medicines into tablets on demand; concepts, experiments, and simulations*

09:45-10:25 SORIN POP (UNIVERSITY OF HASSELT, BELGIUM)

*Upscaling pore-scale models for two-phase flow: The effects of surfactants and of contact angles*

**10:25 – 10:45 BREAK**

10:45 – 11:25 INGEBORG GJERDE (SIMULA, OSLO)

*Reduced models for fluid flow in the brain*

11:25 – 12:05 RAINER HELMIG (UNIVERSITY OF STUTTGART)

*A multi-scale approach for porous-medium interaction including drop formations*

**12:05 – 13:20 LUNCH**

13:20 – 14:00 NAZANIN JAHANI (NORCE)

*Modeling of Acid Stimulated Chalk Reservoirs: Coupled Fluid Flow and Elasto-Plastic Damage Analysis*

14:00 – 14:40 PÅL ØSTEBØ ANDERSEN (UNIVERSITY OF STAVANGER)

*New best practice for correcting relative permeability core flood experiments for capillary end effects*

14:40 – 15:20 CARL FREDRIK BERG (NTNU, TRONDHEIM)

*Approximating free energy change for imaged displacement processes to assess wettability*

**15:20 – 15:40 TEA/COFFEE BREAK**

15:40 – 16:10 INTERPORE NORWAY CHAPTER BUSINESS MEETING

16:10 – 16:40 STUDENT/EARLY CAREER SCIENTISTS PITCH PRESENTATIONS

*Separate program TBA*

**16:40 – 18:00 RECEPTION**

*The workshop is hosted by University of Bergen and NORCE Norwegian Research Centre with funding provided in part by the Research Council of Norway.*