



## Deformation, Flow and Fracture of Disordered Materials

8-9 November 2017, *University of Oslo*

### *Wednesday 8<sup>th</sup> of November*

*Chair: Knut Jørgen Måløy*

- 1300-1315 *Stephane Santucci (ENS Lyon)* “LIA-D-FFRACT: Kick-Off and Goals”
- 1315-1345 *Eirik Grude Flekkøy (UiO)* “Hydrodynamic dispersion in porous media and symmetries in its coarse-grained description”
- 1345-1415 *Carl Fredrik Berg (NTNU)* “Low-salinity flooding of dual-porosity systems - osmosis and surface-to-volume ratio”
- 1415-1445 **Coffee break and discussions**
- 1445-1515 *Renaud Toussaint (Univ. Strasbourg, UiO)* “Microseismic emissions and source imaging during avalanches in fracture and granular flow”
- 1515-1545 *Marcel Moura (UiO)* “Wait, wait, wait... go! Intermittent burst dynamics in porous media two-phase flows”
- 1545-1615 *Joachim Mathiesen (Niels Bohr Institute)* “Transition to turbulence in rough pipes”

### *Thursday 9<sup>th</sup> of November*

*Chair: Renaud Toussaint*

- 0900-0930 *Osvanny Ramos (Univ. Lyon)* “Continuously sheared granular matter reproduces in detail seismicity laws”
- 0930-1000 *Olivier Galland (UiO)* “Laboratory modelling of magma emplacement in the brittle crust: a geological-scale example of viscous fluid-induced deformation in disordered materials”
- 1000-1030 *Luiza Angeluta (UiO)* “Dislocation dynamics and crystal plasticity in the phase field crystal model”
- 1030-1100 **Coffee break and discussions**
- 1100-1130 *Fredrik K. Eriksen (UiO)* “Granular media deformed by fluid flow”
- 1130-1200 *Guillaume Dumazer (UiO)* “Self-structuring in multiphase frictional flows : yet another stick-slip process ?”
- 1200-1230 *Stephane Santucci* “Aftershocks in slow crack growth?”