

Flowing Matter in Porous Media

CECAM Flagship Workshop, Berlin, 24 to 27 February 2025

Liquid flows in nanoporous media

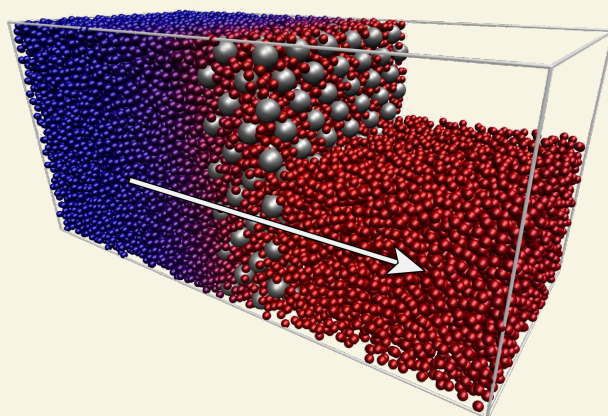
Phase changes and chemically active flows

Active matter flowing in porous media

First-principles theory of confined/pinned fluids

Molecular dynamics simulation of liquid flows

Experimental advances and novel techniques



Fostering the exchange between theory, simulation, and experiment

Invited speakers

Anna Balazs (Univ. Pittsburgh, USA)

Pinaki Chaudhuri (Chennai, India)

Subir K. Das (JNCASR Bangalore, India)

Sujit Datta* (Princeton Univ., USA)

Thomas Franosch (Univ. Innsbruck, Austria)

Alex Hansen (NTNU Trondheim, Norway)

Vincent Krakoviack (ENS Lyon, France)

Ignacio Pagonabarraga (Univ. Barcelona, Spain)

Roland J.-M. Pellenq (MIT, Cambridge, USA)

Matthias Schmidt (Univ. Bayreuth, Germany)

Alice L. Thorneywork (Univ. Oxford, UK)

Thomas Voigtmann (DLR Cologne, Germany)

A. Özgür Yazaydın (Univ. College London, UK)

Emerging Topic Lectures (by application)

*online presentation

Organisers

F. Höfling (Freie Univ. Berlin)

L. M. C. Janssen (TU Eindhoven)

J. Horbach (Univ. Düsseldorf)

A. Maciołek (IPC Polish Acad. Sci., Warsaw)

Venue

Institute of Mathematics, Freie Universität Berlin, Germany

Sponsors

CECAM German Research Foundation (DFG) Freie Universität Berlin

Important dates Abstract submission: 31 Jan 2025 (posters)

Registration <http://bit.ly/flowing-matter-cecam2025>