Upcoming SP-PM Course:
PORE 1-3 Multiphase flow & transport in porous media

Summary of the Course:
This course will introduce students to basic principles in multiphase flow in porous media.

Course Topics:
- Fluid displacement in a capillary tube, the role of interfacial tensions and wetting, Navier-Stokes Equations
- Flow regimes and wetting, capillary number, and viscosity ratios
- Drainage, Imbibition, and steady state flow
- Darcy’s law for multiphase flow, pending questions
- Special cases I: gasses, three phase flow, emulsions
- Special cases II: species transport during multiphase flow, non-Newtonian

Duration: 12 hours total (3 hours per week)

Location: Online

Dates: The course will take place January 8 to January 29, 2024. The dates and times are as follows.

- Monday, January 8, 2024 (19:00-22:00 CET)
- Monday, January 15, 2024 (19:00-22:00 CET)
- Monday, January 22, 2024 (19:00-22:00 CET)
- Monday, January 29, 2024 (19:00-22:00 CET)

Registration fees:
InterPore Student Member: 100€
InterPore Student Non–Member: 125€
InterPore Academic Member: 150€
InterPore Academic Non–Member: 190€
InterPore Industry Member: 200€
InterPore Industry Non–Member: 300€

Click here to register

https://www.interpore.org/pore-1-3-multiphase-flow-and-transport-in-porous-media/

Learn more about the InterPore Academy Study Plan in Porous Media here.