

SFB 1313 Newsletter 2022 #4

29 April 2022



SFB 1313 Kick-off | May 2022

The **SFB 1313 Kick-off event** will take place on 19 May 2022 at the University of Stuttgart. Prof. Dr. Angelika Humbert from the Alfred-Wegener-Institut will give a scientific talk on "[The subglacial hydrological system of Greenland and Antarctica - known unknowns and current modelling approaches](#)".



Pretty Porous Science Lecture #20 | May 2022

Sidian Chen from the University of Arizona (USA) will give the Pretty Porous Science Lecture #20 on "[Compositional two-phase flow & phase behavior in nanoporous shale rocks: pore-level physics, network modeling, and upscaling](#)".

Date and time: 12 May 2022 at 4 pm CET

Registration: via katharina.heck@iws.uni-stuttgart.de



Pretty Porous Science Lecture #19 | May 2022

Stephan Gärttner from the FAU Erlangen-Nürnberg (Germany) will give the Pretty Porous Science Lecture #19 on "[Efficiency and Accuracy of Micro-Macro Models for Two-Mineral Reactive Systems](#)".

Date and time: 5 May 2022 at 4 pm CET

Registration: via katharina.heck@iws.uni-stuttgart.de



Review: Girls' Day 2022 | Apr 2022

The SFB 1313 / SFB-TRR 161 [Girls' Day workshop 2022](#) took place on 28 April 2022. The six participants got an insight into the world of computer science and the basics of coding by creating their individual screensavers.



Forschung Leben article | Apr 2022

"[Von Plastik zum menschlichen Haar](#)" is the new article about our SFB 1313 science exhibition from 2020 "[Pretty Porous – Alles Porös](#)", published in the latest issue of Forschung Leben, the magazine of the University of Stuttgart.



Top Cited SFB 1313 Paper | Apr 2022

The SFB 1313 publication "[Fronts in two-phase porous media flow problems: The effects of hysteresis and dynamic capillarity](#)" is one of the top cited articles of Studies In Applied Mathematics. Congratulations to our SFB 1313 team!



New DFG funded priority program | Apr 2022

Congratulations to our SFB 1313 principal investigator [Prof. Christian Rohde](#)! He coordinates the new DFG funded priority program "[Hyperbolic conservation laws in fluid mechanics: complexity, scales, randomness \(CoScaRa\)](#)".



SFB 1313 Publications

by

- [Carina Bringedal, Theresa Schollenberger](#), G. J. M. Pieters, [C. J. van Duijn](#), and [Rainer Helmig](#)
- Sohely Sharmin, Manuela Bastidas, [Carina Bringedal](#), and [Iuliu Sorin Pop](#)