

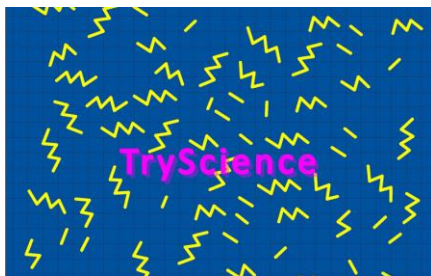
SFB 1313 Newsletter 2022 #9

29 September 2022



Short Courses | Oct - Dec 2022

Our SFB 1313 researchers [Rainer Helmig](#) and [Xu Chu](#) from the University of Stuttgart will both give a short course in fall 2022.



TryScience | Nov 2022

SFB 1313 participates in TryScience and offers the pupils workshop "[Climate Change: Droughts and Salinization](#)"

Date and Time: 3 November 2022 | 1 - 5 pm



Doctoral Thesis Defence | Oct 2022

SFB 1313 doctoral researcher [Elissa Eggenweiler](#) (research project A03) will defend her doctoral thesis "[Interface Conditions for Arbitrary Flows in Stokes–Darcy Systems: Derivation, Analysis and Validation](#)" on 14 October 2022 at 10 am.

```
10 api_token = "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx"
11
12 # establish connection to DaRUS
13 api = Api(base_url, api_token)
14 print(api.status)
15
16 # get a dataverse
17 dv = 'insert id of dataverse' # alias or id of existing
18 resp = api.get_dataverse(dv, auth='true')
19
20 # print some metadata information of the dataverse
21 print(resp.json()['data']['name'])
22 print(resp.json()['data']['affiliation'])
23
24 # upload a dataset using a given json file
25 data = open('./data/dataset_example.json') # path to json
26 resp = api.create_dataset(dv, data)
27 ds_id = resp.json()['data']['persistentId']
28 # print the persistent identifier of the dataset
29 print(ds_id)
```

Software Carpentry and RSE 102 Workshops | Oct 2022

SFB 1313 researchers take part in organising and giving the [Software Carpentry and RSE 102 Workshops](#).

Date: 4 to 7 October 2022

Registration Deadline: 29 September 2022



Pretty Porous Science Lecture #23 | Sep 2022

Jacques M. Huyghe from the (University of Limerick/TU Eindhoven) will give the Pretty Porous Science Lecture #23 on: "[Diffusiophoresis: how ants move elephants](#)"

Date and time: 30 Sep 2022 at 2 pm CET



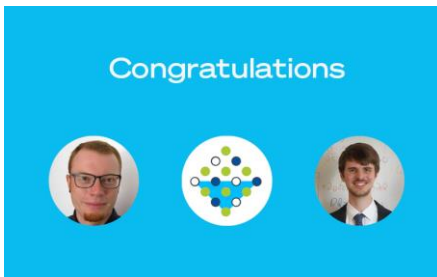
Best Poster Award | Sep 2022

Our SFB 1313 researchers [Benjamin Bursik](#) (A01), Rolf Stierle, [Alexander Schlaich](#) (C01), and [Joachim Groß](#) (A01) were awarded the [Best Poster Award](#) at the Thermodynamik Kolloquium 2022. Congratulations! Poster: "Entropy Scaling for Inhomogeneous Systems".



SFB 1313 Pore Network Modelling Workshop | Sep 2022

The [SFB 1313 Pore Network Modelling Workshop](#) took place from 26 to 28 September 2022 at the University of Stuttgart with over 30 participants.



Successful Doctoral Theses Defences | Aug + Sep 2022

[Daniel Kienle](#) and [Lars von Wolff](#) both successfully defended their doctoral theses on 29 August and 22 September 2022. Congratulations!



SFB 1313 Publications

by

- [Johannes Hommel](#), Luca Gehring, [Felix Weinhardt](#), Matthias Ruf, and [Holger Steeb](#)
- Leon H. Kloker and [Carina Bringedal](#)
- Navid Ahmadi, Muhammad Muniruzzaman, Riccardo Sprocati, [Katharina Heck](#), Klaus Mosthaf, Massimo Rolle
- David Seus, [Florin A. Radu](#), and [Christian Rohde](#)