

Latest Highlights

"If you can't explain it simply, you don't understand it well enough"

- Albert Einstein

New Publications

- L. Weber, M. Sanger, S. Garda, F. Barth, Ch. Alt, and U. Leser (2021). **Humboldt @ DrugProt: Chemical-Protein Relation Extraction with Pretrained Transformers and Entity Descriptions**. *Proceedings of the 7th BioCreative Challenge Evaluation Workshop*.

Conferences

- J. Munchmeyer, J. Woollam, D. Jozinovic, J. Saul, A. Michelini, C. Giunchi, T. Diehl, F. Haslinger, D. Lange, A. Rietbrock, and F. Tilmann. **SeisBench: A framework for machine learning in seismology**. (Oral presentation) *37th General Assembly of the European Seismological Commission*, Online, 19-24 September 2021.
- T. Rettelbach, M. Langer, I. Nitze, B. Jones, V. Helm, J-Ch. Freytag, and G. Grosse. Quantifying Erosional Dynamics in Ice-Wedge Networks with Computer Vision and Graph Theory. (Invited talk), *Regional Conference on Permafrost 2021*, Online, 24-29 October 2021.
- A.H.C. Vlot, S. Maghsudi, and U. Ohler. **Identification of cis-regulatory regions using Single-cell Marker Identification by Enrichment Scoring (SEMITONES)**. (Poster presentation), *EMBO Workshop Enhanceropathies: Understanding enhancer function to understand human disease*, 6-9 October 2021.

Announcements / Upcoming Events

Reminders:

- HEIBRIDS Retreat, November 3-4

AI Campus: The learning platform for AI:

The [AI Campus](#) is a pilot project funded by the German Federal Ministry of Education and Research (BMBF), focused on developing a digital learning platform specifically geared towards AI. The AI Campus has been available to the public as a beta version since July 2020 and is in continuous development.

Helmholtz Transferable Skills Courses

The Helmholtz Transferable Skills Courses are conducted in collaboration with trainers from Imperial College London, University of Surrey, and Helmholtz tutors. **Course III: Career and Leadership Course** (3rd year students), will take place online on **November 30 - December 2, 2021**. Contact [Eirini](#) for registration.

HIDA Virtual Annual Conference – NOV 30, 2021

The [HIDA Annual Conference 2021](#) is the opportunity for Helmholtz Scientists, in particular **doctoral and postdoctoral researchers in information and data science**, to connect with researchers throughout the institutions via networking events and workshops and to discuss data science projects and methods. The event will take place online and you can register [here](#).

1st AI-HERO Hackathon for Energy-Efficient AI, NEW DATE

The 1st AI-HERO Hackathon for Energy-Efficient AI has been **postponed to February 1–3, 2022**. This Hackathon is targeting advanced AI-researchers with experience in model development, training and optimization. Participants will join into teams of three to tackle model development for two use-cases, one from the research field of health and one from the research field of energy. The challenge is finding and optimizing a model and its training to minimize energy consumption. The winning team and runner-ups of each use-case will be awarded with awesome prizes, kindly sponsored by Lenovo. The Hackathon will be fully virtual via Zoom. Detailed information on registration, schedule and participation requirements can be found [here](#).