

Issue 24  
**October 2021**

# NEWS

## Latest Highlights

*"If you can't explain it simply, you don't understand it well enough"*  
- Albert Einstein

### New Publications

- L. Weber, M. Sänger, 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. Münchmeyer, 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

### AI Campus: The learning platform for AI:

#### Reminders:

- HEIBRIDS Retreat, November 3-4

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](#).

## 1<sup>st</sup> AI-HERO Hackathon for Energy-Efficient AI, NEW DATE

The 1<sup>st</sup> 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](#).