HEIBRIDS

HELMHOLTZ EINSTEIN INTERNATIONAL BERLIN RESEARCH SCHOOL IN DATA SCIENCE

NEWS

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"Perhaps we should all stop for a moment and focus not only on making our AI better and more successful but also on the benefit of humanity."
- Stephen Hawking, November 2017

Latest Highlights

New Publications - Preprints - Presentations at Conferences

- S. Redyuk, Z. Kaoudi, V. Markl, and S. Schelter. **Automating Data Quality Validation for Dynamic Data Ingestion.** *Paper accepted for publication at the International Conference on Extending Database Technology March 2021.* *https://edbticdt2021.cs.ucy.ac.cy/*

- B. Groenke, M. Langer, G. Gallego, and J. Boike. **Learning Soil Freeze Characteristic Curves with Universal Differential Equations.** Abstract accepted for an oral presentation at the European Geosciences Union General Assembly 2021.

- L. Weber, M. Sänger, J. Münchmeyer, M. Habibi, U. Leser, and A. Akbik (2020). **HunFlair: An Easy-to-Use Tool for State-of-the-Art Biomedical Named Entity Recognition**. Bioinformatics (accepted).

- J. Münchmeyer, D. Bindi, U. Leser, and F. Tilmann (2020). **Earthquake magnitude and location estimation from real time seismic waveforms with a transformer network**. arXiv:2101.02010.

- J. Münchmeyer, D. Bindi, U. Leser. and F. Tilmann (2020). **The transformer earthquake alerting model: A new versatile approach to earthquake early warning.** Geophysical Journal International (accepted). https://doi.org/10.1093/gji/ggaa609

- G. Gallego (organizer). **CVPR 2021 Workshop on Event-Based Vision.** *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. https://tub-rip.github.io/eventvision2021/ Call for papers open till March 27.

Announcements / Upcoming Events

Training offers from our partners

Training offers for February and March from the Humboldt Graduate School and the Dahlem Research School can be found here and here. For registration, please follow the registration link for each individual workshop.

Other training offers

Research Management Training for Early-Stage Scientists

Tutech Innovation offers a ReMaT - research management online training - workshop that will place on **February 18-19**. ReMaT is an interactive, intensive workshop providing an introduction to research management. This workshop is designed for early-stage researchers, particularly PhD candidates from the 2nd year onwards. The idea of European networking is very much embedded in the concept, encouraging participation from many different countries. Please see here for further details.

HIDA Trainee Network

Open Call: HIDA Trainee Network for Helmholtz doctoral researchers and postdocs

HIDA gives again the opportunity to doctoral and postdoctoral researchers to visit another Helmholtz Center for up to three months. Find more information here and apply by **March 15**.

Interesting things to click on

- GFZ press release on latest paper by Jannes Münchmeyer
- Women in Data Science (WiDS) Worldwide Conference, March 8 - 9, online event by Stanford University
- AI can help you find your "twin stranger"