

The logo for HEIBRIDS NEWS. It features a stylized graphic on the left consisting of a 3x4 grid of vertical bars of varying heights, with some bars having small circles at the top. To the right of this graphic, the word "HEIBRIDS" is written in a bold, sans-serif font, with a red vertical bar replacing the letter "I". Below "HEIBRIDS", the word "NEWS" is written in a large, black, hand-drawn style font.

HEIBRIDS NEWS

Issue 2
June 2019

*"The world is one Big
Data problem"*

*- Andrew McAfee,
codirector of the MIT
Initiative on the Digital
Economy*

Past Events

HEIBRIDS Interview Week

During the Interview Week, May 13-15, three applicants were selected to join the team of HEIBRIDS PhD students:

1. *Tabea Rettelbach* will start on the project: "Facilitating Machine Learning on Super-High Resolution Earth Observation Data for Detecting and Quantifying Arctic Permafrost Thaw Dynamics" with Prof. Guido Grosse (AWI) as her main supervisor and Prof. Christoph Freytag (HU) as co-supervisor,
2. *Paolo Graniero* will work on the project: "Optimization of Solar Energy Yield and Specific Load Conditions Considering Electric Busses in Public Transportation", with Prof. Natalia Kliewer (FU) as the main supervisor and Dr. Carolin Ulbrich (HZB) and Prof. Rutger Schlatmann (HZB) as co-supervisors,
3. *Kanishka Singh* will start on the project: "Machine Learning Meets Theoretical Chemistry: Data-driven Analysis of Grapheneoxide", with Dr. Annika Bande (HZB) as the main supervisor and Prof. Ulf Leser (HU) as the co-supervisor.

Conferences / Publications

Binayak Ghosh participated in the **Living Planet Symposium**, Milan, Italy, on 13-17 May. *"Overall the conference was really good with some nice presentations on application of machine learning and deep learning on radar and remote sensing fields."*

Jannes Münchmeyer gave a talk on **"Increasing magnitude scale consistency by combining multiple waveform features through machine learning"** at the EGU General Assembly in Vienna, 7-12 April 2019.

Leon Weber published a Conference Paper at ACL, the most renown conference world-wide in the field of computational natural language processing: Weber, L., Minervini, P., Münchmeyer, J., Leser, U. and Rocktäschel, T. (2019). **"NLProlog: Reasoning with Weak Unification for Question Answering in Natural Language"**

Prizes

Leon Weber received the prize for one of the best Master theses in computer science at HU Berlin in 2018.

A team including HEIBRiDS PhD student *Leon Weber* won the international CLEF eHealth challenge 2019.

Upcoming events

Scientific Advisory Board meeting

On **June 24-25** the first meeting with the Scientific Advisory Board of HEIBRiDS will take place at ECDF.

Training

- Registration is open for the next Helmholtz Transferable Skills course: **Research Skills Development**. It will take place at Schloss Buchenau, on December 3-6. This is the same course that *Felix Fiedler* followed in April and recommended enthusiastically. Please contact Eirini Kouskoumvekaki regarding registration.
- A course on **Scientific Presentation** is offered by the Humboldt Graduate School on June 13-14 June:
<https://www.humboldt-graduate-school.de/shared/events/scientific-presenting>
- A course on **Science Communication** is offered by the TU on June 24:
https://www.zewk.tu-berlin.de/v_menu/wissenschaftliche_weiterbildung/wissenschaftskommunikation/modern_scientific_presentation_and_personal_radiance_convince_with_professional_presence/
- A course on **Project Management** is offered by FU on June 28:
<https://www.drs.fu-berlin.de/node/18053>