HEIBRIDS
HELMHOLTZ EINSTEIN INTERNATIONAL BERLIN RESEARCH SCHOOL IN DATA SCIENCE

Issue 43
January 2024

NEWS

Latest Highlights

New Publications

- Max Schubach, Thorben Maass, Lusiné Nazaretyan, Sebastian Röner, Martin Kircher (2024). **CADD v1.7: Using protein language models, regulatory CNNs and other nucleotide-Level scores to improve genome-wide variant predictions**. *Nucleic Acids Research*, Volume 52, Issue D1, 5 January 2024, pp. D1143-D1154. https://doi.org/10.1093/nar/gkad989
- Alexandra Kapp, Helena Mihaljevic (2023). **Reconsidering Utility: unveiling the limitations of synthetic mobility data generation algorithms in real-life scenarios**. *Proceedings of the 31st ACM International Conference on Advances in Geographic Information Systems (SIGSPATIAL '23). Association for Computing Machinery*, New York, NY, USA, Article 93, pp. 1–12. https://doi.org/10.1145/3589132.3625661

New HEIBRiDS Faces

A new associated PhD student joined HEIBRiDS. **Ana Lomashvili** is a new associate student and is working on the project: **"Multimodel machine learning supported rock classification in the scope of in-situ Martian data"**, supervised by Begüm Demir (TU Berlin) and Kristin Rammelkamp (DLR).

We wish her a great start!

Announcements

HEIBRiDS Lecture Series and PhD Seminar

After Rita Streblow's Lecture on **"Digital energy neighbourhoods – Opportunities and challenges", February 7**, 16:00, the HEIBRiDS lecture and the PhD seminar will take a break due to the lecture-free period. **We will start again on April 17,** 2024**!**

HIDA Lecture

Dr. Melissa Laufer, Head of Research Programme: Knowledge & Society, Alexander von Humboldt Institute for Internet and Society, Berlin, will deliver the HIDA Lecture **"On AI and Large Language Models" online** on **February 14**, 2024, 11:00**.**

HIDA Hackathon on Computer Vision

On **February 27–29,** 2024 the **HIDA Hackathon on Computer Vision**, co-organized by **HEIBRiDS** will take place at the ECDF, Wilhelmstraße 67, 10117 Berlin. All information here.

HIDA-Sponsored Instructor Training

Do you want to become a **certified instructor** and learn how to teach data science skills to others? Then apply for **HIDA-sponsored instructor training seat at The Carpentries** here. Note: There will be an exclusive instructor training for HIDA from 26-29 February 2024 (approx. 10:00-14:00).

Meeting HEIBRiDS Steering Committee

The **HEIBRiDS steering committee** will meet on **March 13**, 2024, 9:00-12:00 at the ECDF, Wilhelmstraße 67, 10117 Berlin, conference room, first floor. Please contact sandra.pravica@tu-berlin.de or eirini.kouskoumvekaki@mdc-berlin.de if you have questions on the meeting.

HEIBRiDS Retreat

On Tuesday, **April 9** and Wednesday **April 10**, 2024, we'll have the **HEIBRiDS retreat** at **Märkisches Gildehaus in Caputh at Schwielowsee**. We start on April 9, 10:30 and end the first day at 20:00 after a joint dinner. The doctoral students will stay on site for the second day. Find the detailed program here.

HIDA Graduate Schools Meetup at the Helmholtz AI Conference

Upcoming opportunities for an **exchange with the other HIDA schools** and PhD candidates in **June 2024**: HDSLEE fellow Johannes Wasmer is organising an exchange between the HIDA schools on the occasion of the **Helmholtz AI Conference in Düsseldorf 2024** – June, 11 (Jülich), June 12 (Düsseldorf).

Training Offers from our Partners

- Training offers 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.
- Training offers from **HIDA,** our sister-schools **HIDSS** and **HIFIS** can be found here, here and here.

Enjoy the lecture-free time!