

Issue 47

July/August 2024

NEWS

Latest Highlights

Prices/Awards/Funding

Tabea Rettelbach receives Bernd Rendel Prize for Early Achievements in the Geosciences

HEIBRIDS PhD candidate Tabea Rettelbach is one of two young researchers who will be awarded [this year's Bernd Rendel Prize by the Deutsche Forschungsgemeinschaft](#) (DFG, German Research Foundation) in recognition of their promising and original pre-doctoral research in the geosciences. Tabea Rettelbach conducts research into permafrost, focusing on a topic that is becoming increasingly important in view of climate change. The prizewinners will each receive € 3,000 from the Bernd Rendel Foundation, which is administered by Stifterverband. The prize will be presented at the annual meeting of the German Geological Society, which is to take place in **Dresden from 23 to 26 September 2024**. Tabea plans to use her prize money to attend the Computer Vision and Pattern Recognition Conference.

Congratulations!

Coming up:
HEIBRIDS PhD
Recruitment -
Panel Interviews
Online, October 14-
16, 2024

New Publications

- [Brian Groenke](#), Moritz Langer, Frederike Miesner, Sebastian Westermann, Guillermo Gallago, Julia Boike (2024). **Robust Reconstruction of Historical Climate Change From Permafrost Boreholes**. *Journal of Geophysical Research: EarthSurface*, 129, e2024JF007734. <https://doi.org/10.1029/2024JF007734>
- [Elizabeth Robertson](#), Luisa Esguerra, Leon Meßner, Guillermo Gallego, Janik Wolters (2024). **Machine-learning optimal control pulses in an optical quantum memory experiment**. *Phys. Rev. Applied*, 22, 024026. <https://doi.org/10.1103/PhysRevApplied.22.024026>

New HEIBRIDS Faces

A new associated PhD student joined HEIBRIDS. **Jacob Relle** is a new associate student and is working on the project: "**Simulation of opto-electronical components**", supervised by [Christiane Becker](#) (HZB), [Christof Schütte](#) (FU) and [Sven Burger](#) (ZIB).

We wish him a great start!

Announcements

HEIBRiDS Writing Retreat at the ECDF

On **9 October 2024, 9:00-16:00**, a joint writing retreat of HEIBRiDS and BIFOLD PhDs will take place at the ECDF, conference room, 1st floor. [Info on the trainer >>>](#)

HEIBRiDS Lecture Series and PhD Seminar

On **23 October 2024**, HEIBRiDS starts the Winter Semester with the **PhD seminar** and the **HEIBRiDS Lecture Series** at the ECDF (conference room, 1st floor). [Timm Teubner](#) from TU Berlin/ECDF will give a lecture to kick off the series. Start **16:00**

The **PhD seminar** starts as usual at **15:00**. The schedule for the PhD presentations in **Winter Semester 2024/25** is as follows:

- 23. October: Nabil Jabareen
- 6. November: *Joint Colloquium with BIFOLD*
- 20. November: Claudia Winklmayr
- 4. December: Jacob Relle
- 15. January: Mark Melzer
- 29. January: Daniel León-Periñán
- 12. February: Ekin Celikkan

Joint PhD Colloquium with BIFOLD

On **November 6, 2024** the HEIBRiDS PhD seminar and Lecture at the ECDF will have the format of a **joint Colloquium** with young researchers from **BIFOLD (15:00-17:00)** - We are looking forward to the presentations and networking! If you are interested in participating, please contact sandra.pravica@tu-berlin.de

Internship opportunity Japan

NII (Tokyo) International Internship Program – Call for nominations of candidates
 PIs have the chance to propose one of their junior researchers for an internship abroad in Japan at the **National Institute of Informatics (NII)** The NII offers selected interns the opportunity for professional and personal development by participating in research activities under the guidance and supervision of NII researchers. The [call](#) is open until **October 16, 2024, 17:00**.

Save the date!

We want to celebrate HEIBRiDS and the end of the year with you!

Dezember 5, 2024, 17:00-20:00

Einstein Center Digital Future, Wilhelmstraße 76, 10117 Berlin

→ Details follow.



HIDA Lectures

- „[Empowering Women Entrepreneurs](#)“, Stephanie Birkner, University of Applied Sciences Bremerhaven – **September 20, 2024, 09:00** – online
- „[ChatGPT in Action: Enhancing Your Workflow](#)“, Isra Mekki, Machine Learning Engineer, Helmholtz – **September 25, 2024, 10:00** – online.

HIDA Courses

- [4. Helmholtz Reproducibility Workshop, October 24, 2024, 09:00](#), MDC – BIMSB
- [Research Ethics in the age of AI – Workshop, October 15, 2024, 09:00-12:00](#), online
- [Teach 4 – live –, November 21-22, 2024, 09:00-17:00](#), HIDA HUB.

Other Announcements

- BUA OPEN SPACE #2 – **September 25, 2024, 18:00-21:00**
[„Alexa, sag mir: Wie gestalten wir KI fair und verantwortungsvoll?“](#)