

Issue 40

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NEWS

Latest Highlights

New Publications and Preprints

- N. Veigel, H. Kreibich, and A. Cominola (2023). **Interpretable machine learning reveals potential to overcome reactive flood adaptation in the continental US.** *Earth's Future*, 11, e2023EF003571. <https://doi.org/10.1029/2023EF003571>
- L. Weber, F. Barth, L. Lorenz, F. Konrath, K. Huska, J. Wolf and U. Leser (2023). **PEDL+: Protein-centered relation extraction from PubMed at your fingertip.** *Bioinformatics* (accepted)

Conference Presentations

- V. Döpper et al. **Unlocking the Potential of Arctic to Boreal Multi-Source Point Clouds: Deep and Transfer Learning for Automated Segmentation and Classification.** (Poster presentation), *SilviLaser 2023*, London, UK, 6-8 September, 2023.
- J. Schaible, B. Nouri, T. Kotzab, M. Loevenich, N. Blum, A. Hammer, K. Jäger, C. Becker and S. Wilbert. **Application of Nowcasting to Reduce the Impact of Irradiance Ramps on PV Power Plants.** (Oral presentation), *EU PVSEC*, Lisbon, Portugal, 18-22 September 2023.
- T. M. Pentimalli, presented a short talk at the [16th Berlin Summer Meeting](#) with the title: **"3D molecular reconstruction of a human tumor at single-cell resolution reveals invasion dynamics and predicts mechanism-based, personalized therapeutic targets"**

PhD Dissertations



HEIBRIDS doctoral researcher **Leon Weber-Genzel**, defended successfully his PhD thesis on **September 7, 2023** at the Computer Science Faculty of Humboldt University in Adlershof. Leon has already started as postdoctoral researcher in NLP at LMU Munich. Congratulations!!

"Data science: where math nerds become data wizards and computers do the talking while we just nod and pretend to understand."

- Generated by ChatGPT

Associated HEIBRiDS doctoral researcher **Ivo Daniel** has handed in his PhD thesis and his defense is planned for **November 24, 2023**. Ivo will continue as postdoctoral researcher at the Chair of Smart Water Networks, working on the BMBF funded project: **iOLE - intelligente Online Leakage Erkennung / intelligent Online LEakage detection**.

Announcements

Open postdoctoral position

HEIBRiDS PI **Andera Cominola** is looking for a postdoctoral researcher to become Ivo Daniel's colleague on the project: **iOLE - intelligente Online Leakage Erkennung / intelligent Online LEakage detection**. This project is a collaboration between the Chair of Smart Water Networks, TU Berlin and Kompetenzzentrum Wasser Berlin gGmbH, and aims at making digital leakage detection industry ready by focusing on integration, automation, and user experience. You can find more information about the position [here](#).

HIDSS Hackathon – Save the date!

HEIBRiDS and HIDA are planning a Hackathon open to participants from all HIDS Schools. It will be an onsite event, taking place in ECDF during **February 27-29, 2024**. Please save the date in your calendar. More info will be available shortly.

Lecture Series on Advances in Water Management and Climate Adaptation

In the upcoming Fall Semester, HEIBRiDS PI **Andera Cominola** is offering a lecture series (hybrid at TU Berlin & Zoom) on **“Advances in Water Management and Climate Adaptation”**. More details can be found [here](#). The lecture series is open to interested external participants upon registration to individual lectures (more info and links will be posted at the above link).