

Issue 13
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NEWS

"Data is beautiful"

-reddit

Latest Highlights

New Publications / Presentations at Conferences

- Rachel Shahan, Che-Wei Hsu, Trevor M. Nolan, Benjamin J. Cole, Isaiah W. Taylor, Anna Hendrika Cornelia Vlot, Philip N. Benfey and Uwe Ohler (2020). **A single cell Arabidopsis root atlas reveals developmental trajectories in wild type and cell identity mutants**. doi: <https://doi.org/10.1101/2020.06.29.178863>
- Jannes Münchmeyer, Dino Bindj, Ulf Leser and Frederik Tilmann. **End-to-end PGA estimation for earthquake early warning using transformer networks**. *Oral presentation at EGU virtual conference*, 4-8 May 2020.
- Guillermo Gallego *et al.*, **Event-based Vision: A Survey**, in *IEEE Transactions on Pattern Analysis and Machine Intelligence*. doi: 10.1109/TPAMI.2020.3008413.

New People

Thorren Gimm joined HEIBRIDS as a PhD student on July 7th. His project is on developing a **"Data-Driven Time-Dependent Multiphysics Simulation and Optimization of Electron Solvation from Nanodiamonds"**, supervised by Joachim Dzubiella (HZB) and Sergio Lucia (TU). Welcome Thorren!

Reminders:

- [Helmholtz Data Science Virtual Career Day](#), September 23

Announcements / Upcoming Events

Helmholtz BLOGS

In the [Helmholtz Blogs](#) researchers from the Helmholtz centers and the employees in the communications departments are blogging. The blog portal consists of several, thematically focused sub-blogs, where the authors write in German and English about their research missions, expeditions and research projects. There are also sub-blogs related to meta-issues such as youth and science communication. If you would like to be a blogger too, you can write to info@blogs.helmholtz.de.

WAI Global Summit

Women in AI Summit 2020 will be held online on **September 8, 2020** and will include webinars of several topics in AI with back to back sessions by different countries. There will be 50 keynotes, panels, and workshops by leading global AI experts, covering topics in Health, FinTech, Ethics, Business, Education, Culture, and more. You can register [here](#) free of charge.

Digital Catapult's Global Challenge

The UK-Germany Digital Catapult Global Challenge final on **October 8, 2020** is a virtual event that provides a unique opportunity to listen to innovative artificial intelligence and distributed ledger technology concepts and solutions pitched by some of the UK and Germany's top technology startups. The event will also provide the chance to network and connect with the pitching companies, partners and stakeholders associated with the challenge and beyond. For more information and registration, click [here](#).

Data Natives Unlimited 2020

[Data Natives](#) was founded in 2015 to connect communities from around the world who were excited by the boom in data science, machine learning, and all data-infused tech. DN Unlimited 2020 Conference that takes place in **November 18-20, 2020** will bring together a global community of data-driven pioneers to explore the technologies that are shaping our world - from big data to blockchain, from AI to the Internet of Things. Get your free ticket [here](#).