

Issue 17  
**December 2020**

# NEWS

*"May you never be too  
grown up to search the  
skies on Christmas Eve."*

- Anonymous

## Latest Highlights

### New People

- On December 15 [Oleksii \(Alex\) Martynchuk](#) started his HEIBRIDS project on **"Identification of Rock Falls in Mars Reconnaissance Orbiter Images Using Machine Learning"**, with Jürgen Oberst (DLR) and Odej Kao (TU) as supervisors.

### New Publications - Preprints - Presentations at Conferences

- [S. Agarwal](#), N. Tosi, P. Kessel, D. Breuer, S. Padovan and G. Montavon. **Learning high dimensional surrogates from mantle convection simulations. Oral presentation at 73rd Annual Meeting of the APS Division of Fluid Dynamics**, Online, 23 November 2020.
- K. Jäger, [P. Tillmann](#), E.A. Katz, and C. Becker (2020) **Perovskite/Silicon Tandem Solar Cells: Effect of Luminescent Coupling and Bifaciality**. *Sol. RRL*. <https://doi.org/10.1002/solr.202000628>

### Prizes

- Tabea Rettelbach** participated in the innovation competition '[Copernicus Masters 2020](#)' which focuses on innovative applications/businesses that make use of ESA's Copernicus data (mainly remote sensing data). Together with colleague Alexandra Zuh, they submitted an idea for an application to ensure safer navigation across frozen waters in the Arctic and won within the BMVI Digital Transport Challenge: <https://copernicus-masters.com/hall-of-fame/>

## Announcements / Upcoming Events

### Training offers from our partners

Training offers for January and February 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.

### Other training offers

- [Introduction to Scalable Deep Learning](#)

The Jülich Supercomputing Center is organizing a 2.5 days online course on Scalable Deep Learning during **February 1-5, 9:30-13:00**. Find more information [here](#) and apply by **January 15**.

- **Research Management Training for Early-Stage Scientists**

Tutech Innovation offers a ReMaT - research management online training - workshop that will place on **February 18-19**. ReMaT is an interactive, intensive workshop providing an introduction to research management. This workshop is designed for early-stage researchers, particularly PhD candidates from the 2nd year onwards. The idea of European networking is very much embedded in the concept, encouraging participation from many different countries. Please see [here](#) for further details.

### **HIDA Trainee Network**

#### **Open Call: HIDA Trainee Network for Helmholtz doctoral researchers and postdocs**

HIDA gives again the opportunity to doctoral and postdoctoral researchers to visit another Helmholtz Center for up to three months. The second round for applications will open on **January 15**. Find more information [here](#) and apply by **March 15**.