

Latest Highlights

“Probability theory is nothing but common sense reduced to calculations.”

- **Pierre-Simon Laplace,**
French polymath, 1749-1827

Publications

- T. Kirschbaum, T. Petit, J. Dzubiella, and A. Bande (2022). **Effects of oxidative adsorbates and cluster formation on the electronic structure of nanodiamonds.** *J. Comput. Chem.* <https://doi.org/10.1002/jcc.26849>
- L. Esguerra, L. Meßner, E. Robertson, N. V. Ewald, M. Gündoğan, and J. Wolters (2022). **Optimization and readout-noise analysis of a hot vapor EIT memory on the Cs D1 line.** *Quantum Physics.* <https://doi.org/10.48550/arXiv.2203.06151> [Preprint]

Other

- Jannes Münchmeyer submitted his PhD thesis: Münchmeyer, J. (2020). **Machine learning for fast and accurate assessment of earthquake source parameters: Implications for rupture predictability and early warning.** PhD Thesis, Computer Science, HU Berlin.
- An article in Spiegel features the work from the Geo.X Autumn School publication that Jannes Münchmeyer and Tabea Rettelbach were involved (see December issue of Newsletter): <https://www.spiegel.de/wissenschaft/natur/ki-auswertung-zum-groessten-massenaussterben-der-erdgeschichte-artenreiche-gattungen-hatten-bessere-chancen-a-3f21ed65-8f31-46ec-9fd0-82948d34d8d7>
- Tabea Rettelbach has been awarded a OSPA (Outstanding Student Presentation Award) at the AGU Fall Meeting in December: <https://www.agu.org/Learn-and-Develop/Learn/Student-Competitions/OSPA/OSPA-Winners>

Announcements / Upcoming Events

Save the dates:

- HEIBRIDS Online PhD Interview Week, April 4-6
- HIDA Office Opening, May 31

Training

The Partnership for Advanced Computing in Europe (PRACE) is an international non-profit association with its seat in Brussels. On the PRACE training portal you can find free MOOCS on different computational topics: <https://training.prace-ri.eu/>