



Current positions

Leader of Helmholtz Young Investigators Group, MPI for Plasma Physics, Garching

Previous positions

Postdoctoral Scholar, University of California, Los Angeles, CA (2015-2016)

Postdoctoral Researcher, MPI for Plasma Physics, Garching (2012-2015)

Scientific degrees

Diploma in Physics, University of Ulm (2008)

PhD in Physics, University of Ulm (2012)

Recent research topics

Plasma turbulence, kinetic theory, gyrokinetic theory, solar wind plasmas, nuclear fusion plasmas

Publications (5 most important)

- Q. Pan, **D. Told**, E. L. Shi, G. W. Hammett, **F. Jenko**, Full-f version of GENE for turbulence in open-field-line systems, *Phys. Plasmas* 25, 062303 (2018) [doi:10.1063/1.5008895](https://doi.org/10.1063/1.5008895)
- D. Jarema, H. J. Bungartz, T. Görler, **F. Jenko**, T. Neckel, **D. Told**, Block-structured grids in full velocity space for Eulerian gyrokinetic simulations, *Comp. Phys. Commun.* 215, 49 (2017) [doi:10.1016/j.cpc.2017.02.005](https://doi.org/10.1016/j.cpc.2017.02.005)
- **D. Told**, J. Cookmeyer, **F. Muller**, **P. Astfalk**, **F. Jenko**, Comparative study of gyrokinetic, hybrid-kinetic and fully kinetic wave physics for space plasmas, *New J. Phys.* 18, 065011 (2016) [doi:10.1088/1367-2630/18/6/065011](https://doi.org/10.1088/1367-2630/18/6/065011)
- A. Bañón Navarro, B. Teaca, **D. Told**, D. Groseelj, P. Crandall, et al., Structure of Plasma Heating in Gyrokinetic Alfvénic Turbulence, *Phys. Rev. Lett.* 117, 245101 (2016) [doi:10.1103/PhysRevLett.117.245101](https://doi.org/10.1103/PhysRevLett.117.245101)
- **D. Told**, **F. Jenko**, J. M. TenBarge, G. G. Howes, and G. W. Hammett, Multiscale nature of the dissipation range in gyrokinetic simulations of Alfvénic turbulence, *Phys. Rev. Lett.* 115, 025003 (2015) [doi:10.1103/PhysRevLett.115.025003](https://doi.org/10.1103/PhysRevLett.115.025003)