



**Current positions**

EUROfusion Project Leader “Preparation and Exploitation of W7-X” (since 2014)  
Scientific Staff, MPI for Plasma Physics, Greifswald (since 2000)  
Privatdozent, University of Greifswald (since 2002)

**Previous positions (two selected)**

Scientist, University of Greifswald (1996-2000)  
Scientist, Ruhr University Bochum (1991-95)

**Scientific degrees**

PhD in Experimental Physics, Ruhr University Bochum (1995)  
Habilitation, University of Greifswald (2002)

**Recent research topics**

Experimental plasma physics, transport and confinement, plasma transients, bayesian data analysis, synthetic diagnostics

**Memberships**

Board Division of Plasma Physics of the European Physical Society (since 2016)  
Fachbeirat “Plasmaphysik” Deutsche Physikalische Gesellschaft (2006-2010)

**Publications/Patents (5 most important)**

- **A. Dinklage**, K. J. McCarthy, C. Suzuki, N. Tamura, **Th. Wegner**, et al., Plasma termination by excess pellet fueling and impurity injection in TJ-II, the Large Helical Device and Wendelstein 7-X, *Nucl. Fusion* 59, 076010 (2019) [doi:10.1088/1741-4326/ab17fd](https://doi.org/10.1088/1741-4326/ab17fd)
- **A. Dinklage**, C. D. Beidler, P. Helander, G. Fuchert, H. Maaßberg, et al. Magnetic configuration effects on the Wendelstein 7-X stellarator, *Nat. Phys.* 14, 855 (2018) [doi:10.1038/s41567-018-0141-9](https://doi.org/10.1038/s41567-018-0141-9)
- **A. Dinklage**, R. Sakamoto, M. Yokoyama, K. Ida, **J. Baldzuhn**, et al., The effect of transient density profile shaping on transport in large stellarators and heliotrons, *Nucl. Fusion* 57, 066016 (2017) [doi:10.1088/1741-4326/aa6775](https://doi.org/10.1088/1741-4326/aa6775)
- **A. Dinklage**, **R. Fischer**, **R. Wolf**, Integrated Diagnostics Design, *Fusion Sci. Technol.* 62, 419 (2012) [doi:10.13182/FST12-A15341](https://doi.org/10.13182/FST12-A15341)
- H. Yamada, J. H. Harris, **A. Dinklage**, E. Ascasibar, F. Sano, et al., Characterization of energy confinement in net-current free plasmas using the extended International Stellarator Database, *Nucl. Fusion* 45, 1684 (2005) [doi:10.1088/0029-5515/45/12/024](https://doi.org/10.1088/0029-5515/45/12/024)