

**Current positions**

Group Leader “Image Processing and Power Exhaust” in the Division “Edge & Divertor Physics” (E4), MPI for Plasma Physics, Greifswald (since 2019)  
Lecturer, University of Szczecin (since 2017)

**Previous positions (two selected)**

Guest Associate Professor, National Institute for Fusion Science, Toki (2010-2011)  
Scientist, IEK-4, Forschungszentrum Jülich (2004-2007)

**Scientific degrees**

PhD in Physics, Ruhr University Bochum (2004)

**Recent research topics**

Thermography, divertor physics, plasma boundary, resonant magnetic perturbations

**Publications (5 most important)**

- **M. Jakubowski, O. Schmitz, S. Abdullaev, S. Brezinsek, K. H. Finken, et al.**, Change of the Magnetic-Field Topology by an Ergodic Divertor and the Effect on the Plasma Structure and Transport, *Phys. Rev. Lett.* 96, 035004 (2006) [doi.org/10.1103/PhysRevLett.96.035004](https://doi.org/10.1103/PhysRevLett.96.035004)
- **K. H. Finken, S. S. Abdullaev, M. W. Jakubowski, M. F. M. de Bock, S. Bozhnikov, et al.**, Improved Confinement due to Open Ergodic Field Lines Imposed by the Dynamic Ergodic Divertor in TEXTOR, *Phys. Rev. Lett.* 98, 065001 (2007) [doi.org/10.1103/PhysRevLett.98.065001](https://doi.org/10.1103/PhysRevLett.98.065001)
- **M. W. Jakubowski, T. E. Evans, M. E. Fenstermacher, M. Groth, C. J. Lasnier, et al.**, Overview of the results on divertor heat loads in RMP controlled H-mode plasmas on DIII-D, *Nucl. Fusion*, 49, 095013 (2009) [doi.org/10.1088/0029-5515/49/9/095013](https://doi.org/10.1088/0029-5515/49/9/095013)
- **M. W. Jakubowski, P. Drewelow, S. Masuzaki, K. Tanaka, T. S. Pedersen, et al.**, Influence of the resonant magnetic perturbations on transport in the Large Helical Device, *Nucl. Fusion*. 53, 113012 (2013) [doi:10.1088/0029-5515/53/11/113012](https://doi.org/10.1088/0029-5515/53/11/113012)
- **M. Jakubowski, P. Drewelow, J. Fellingner, A. P. Sitjes, G. Wurden, et al.**, Infrared imaging systems for wall protection in the W7-X stellarator (invited); *Rev. Sci. Instr.* 89, 10E116 (2018); [doi.org/10.1063/1.5038634](https://doi.org/10.1063/1.5038634)