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Position: PhD student in Astronomy, Heidelberg University (Supervisor: Saskia Hekker)

Published articles:

- **Müller, J.**; Coppée, Q.; Van Beeck, J; van Lier, T.; Hekker, S.; 2026; A&A, 707 A126; *Asymptotic power spectra and visibilities of damped mixed modes*
- van Lier, T.; **Müller, J.**; Hekker, S.; 2025; A&A, 700 A1; *Weak or strong: Coupling of mixed oscillation modes on the red giant branch*
- **Müller, J.**; Coppée, Q.; Hekker, S.; 2025; A&A, 696 A134; *Oscillations of red giant stars with magnetic damping in the core: I. Dissipation of mode energy in dipole-like magnetic fields*
- Coppée, Q.; **Müller, J.**; Bazot, M.; Hekker, S.; 2024; A&A, 690 A324; *The radial modes of stars with suppressed dipole modes*
- **Müller, J.**; Bitsch, B.; Schneider, A. D.; 2024; A&A, 688 A139; *A formation pathway for terrestrial planets with moderate water content involving atmospheric-volatile recycling*
- **Müller, J.**; Savvidou, S.; Bitsch, B.; 2021; A&A, 650 A185; *The water-ice line as a birthplace of planets: implications of a species-dependent dust fragmentation threshold*

Under review:

- **Müller, J.**; Hekker, S.; *Oscillations of red giant stars with magnetic damping in the core: II. Mixed mode visibilities on the red-giant branch*
- van Lier, T.; **Müller, J.**; Hekker, S.; *Facing the phase: Gravity-mode offset and buoyancy glitches in red-giant branch stars*