

# Group-Seminar Observational Astrophysics

Summer term 2025, Mondays 16-18h

chair: Prof. Ralph Neuhäuser

## Schedule

- May 12: Ralph Neuhäuser on Schaefer 2023: The path from the Chinese and Japanese observations of supernova 1181 AD, to a Type Iax supernova, to the merger of CO and ONe white dwarfs (here only sections 1-6)
- May 26: Kai-Uwe Michel on Schaefer 2023: The path from the Chinese and Japanese observations of supernova 1181 AD, to a Type Iax supernova, to the merger of CO and ONe white dwarfs (here only section 7)
- June 16: Valeri Hambaryan on Ko et al. 2024: A Dynamical Model for IRAS 00500+6713: The Remnant of a Type Iax Supernova SN 1181 Hosting a Double Degenerate Merger Product WD J005311
- June 30: Markus Mugrauer on Lykou et al. 2023: A New Study on a Type Iax Stellar Remnant and its Probable Association with SN 1181
- July 7: Baha Dincel on Fesen et al. 2023: Discovery of an Exceptional Optical Nebulosity in the Suspected Galactic SN Iax Remnant Pa 30 Linked to the Historical Guest Star of 1181 CE and Cunningham et al. 2024: Expansion Properties of the Young Supernova Type Iax Remnant Pa 30 Revealed
- date TBD: Günay Bulut: update on PhD on nova shell expansion

(last update: 15 Apr 2025)