

Advanced Seminar (Ober-Seminar) Observational Astrophysics

Novae and Supernovae

Fall Term 2018/19, Thursday 10-12h (in English)

Prof. Ralph Neuhäuser

Schedule

- 18 Oct: Preliminaries
- 25 Oct: Neuhäuser: Introduction to Supernovae
- 1 Nov: Daniel Wagner: Aurorae
- 8 Nov: Neuhäuser: 14C variation around AD 775 – a supernova ?
- 15 Nov: Neuhäuser: 14C variation around AD 775 – a Gamma-Ray-Burst ?
- 22 Nov: Neuhäuser: 14C variation around AD 775 – a solar super flare ?
- 29 Nov: Neuhäuser: Arabic observations of supernovae
- 6 Dec: Adrien Hours: Thermonuclear supernovae (typ Ia)
- 13 Dec: Kai-Uwe Michel: Core collapse supernovae (type II, Ibc)
- 20 Dec: Michael Geymeier: Nucleosynthesis in supernovae (and SN light curve kinks)
- 10 Jan: Adrien Hours: SN 1006
- 17 Jan: Kai-Uwe Michel: Novae
- 24 Jan: Oliver Lux: Runaway stars in Supernova remnants
- 31 Jan: Anja Habedank: The Nebra disk – lunar calendar, solar worship or supernovae ?
- 7 Feb: Neuhäuser: 60-Fe in the Earth crust - a nearby supernova 2 million years ago ?