

Content/schedule **Lecture Terra-Astronomy** (Summer 2025)

- 8.4. History of astronomy and star catalogs
- 15.4. Solar activity: Sunspots (+ Betelgeuse 15:45h seminar talk by RN)
- 22.4. Solar activity: Aurora Borealis
- 29.4. Solar activity: Radio-Carbon (C14) and Grand Minima
- 6.5. Halo-Displays (atmospheric optics)
- 13.5. Solar and lunar eclipses (RN) & Variation of Earth rotation (C. Pukallus)
- 20.5. Novae
- 27.5. Physics of Supernovae
- 3.6. Supernova remnants (Dr. Baha Dincel)
- 10.6. Historical Supernovae
- 17.6. Runaway stars and Neutron stars, nearby supernovae
- 24.6. C14 variation ca. AD 775 – Gamma-Ray Burst, Supernova, comet ?
- 1.7. C14 variation ca. AD 775 – Solar activity variation ?
- 8.7. Comet orbit determination from historical records (comet Halley)