

Course announcement summer semester 2011

# INTRODUCTION TO THEORETICAL ASTROPHYSICS

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Würzburg

## Topics:

- Physical concepts in Astrophysics
- Celestial mechanics
- Thermodynamics and astrophysical equations of state
- Stellar structure and evolution
- Hydrodynamics and astrophysical explosions
- Radiation transport
- Dynamical phenomena in astrophysics



Julius-Maximilians-  
**UNIVERSITÄT**  
**WÜRZBURG**

**Thursday and Friday 11:00–13:00**  
**Physik Ost, Seminarraum SE NO01**

1<sup>st</sup> lecture: 5 May 2011, 11:00  
course given in English or German on request