

Introduction to COMPUTATIONAL ASTROPHYSICS

Prof. Dr. Friedrich Röpke

Syllabus:

- ▶ astrophysical concepts
- ▶ numerical concepts
- ▶ modeling gravity
- ▶ computational fluid dynamics
- ▶ modeling nuclear reactions
- ▶ magnetohydrodynamics
- ▶ turbulence
- ▶ modeling radiative transfer

Vorlesung: Montags, 14 – 16 Uhr
Übung: Montags, 16 – 17 Uhr
Philosophenweg 12, kl. Seminarraum

lecture given in English or German

Erste Veranstaltung: Mo, 12.04.2015, 14:15 Uhr