

Teaching Record (1994 - Now)

I have been teaching courses at the at the Technical University Berlin (Germany), the Universities of Heidelberg (Germany), the University of Vienna (Austria), and at the International Max-Planck Research School (Garching).

- SS 09 **Undergraduate Course (BSc)** on *Introduction into Astronomy and Astrophysics II*
(Lecture, Exercises and Examinations) at Technical University Berlin
Undergraduate Seminar on *Radiation Processes in Physics and Astronomy* at Technical University Berlin
Graduate Astrophysical Seminar on *Current Research at the Center of Astronomy and Astrophysics* at Technical University Berlin
- WS 08/09 **Introductory Undergraduate Course I** on “*Basics of Mathematics and Physics for Astronomers (Mathematics)*”
(Lecture, Exercises and Examinations) at University of Vienna (until 30.11.08)
Undergraduate Seminar on *Interstellar and Intergalactic Medium* at Technical University Berlin (from 1.12.08)
Graduate Astrophysical Seminar on *Current Research at the Center of Astronomy and Astrophysics* (from 1.12.08)
Advanced Block Seminar on “*Clusters of galaxies and large scale structure of the universe*” at University of Heidelberg
- SS 08 **Introductory Undergraduate Course II** on “*Basics of Mathematics and Physics for Astronomers (Physics)*”
(Lecture, Exercises and Examinations) at University of Vienna
Advanced Block Seminar on “*Interstellar and Intergalactic Medium*” at University of Heidelberg
- WS 07/08 **Introductory Undergraduate Course I** on “*Basics of Mathematics and Physics for Astronomers (Mathematics)*”
(Lecture, Exercises and Examinations) at University of Vienna
Graduate Course I *Introduction into Cosmic Matter Cycle* (together with G. Hensler, T. Lebzelter, C. Theis, W. Zeilinger), Lecture, Exercises and Examinations at University of Vienna
Advanced Block Seminar on “*Clusters of galaxies and large scale structure of the universe*” at University of Heidelberg
- SS 07 **Advanced Undergraduate Course II** on “*Astrophysics*”
(Lecture, Exercises and Examinations) at University of Vienna
Undergraduate Seminar on “*General Astronomy*” at University of Vienna required for obtaining the degree of BSc
Advanced Block Seminar on “*Interstellar and Intergalactic Medium*” at University of Heidelberg
- WS 06/07 **Introductory Undergraduate Course I** on “*Basics of Mathematics and Physics for Astronomers*”
(Lecture, Exercises and Examinations) at University of Vienna
Advanced Block Seminar on “*Clusters of galaxies and large scale structure of the universe*” at University of Heidelberg
- SS 06 **Introductory Undergraduate Course II** on “*Basics of Mathematics and Physics for Astronomers*”
(Lecture, Exercises and Examinations) at University of Vienna

- Advanced Block Seminar** on “*Interstellar and Intergalactic Medium*” at University of Heidelberg
- WS 05/06 **Introductory Undergraduate Course I** on “*Basics of Mathematics and Physics for Astronomers*”
(Lecture, Exercises and Examinations) at University of Vienna
- Advanced Block Seminar** on “*Clusters of galaxies and large scale structure of the universe*” at University of Heidelberg
- SS 05 **Introductory Undergraduate Course II** on “*Basics of Mathematics and Physics for Astronomers*”
(Lecture, Exercises and Examinations) at University of Vienna
- Undergraduate Block Course** on “*Introduction to Plasma Physics*” at University of Heidelberg
- WS 04/05 **Introductory Undergraduate Course I** on “*Basics of Mathematics and Physics for Astronomers*” (more than 40 students)
(Lecture, Exercises and Examinations) at University of Vienna
- Advanced Block Course** on “*Interstellar Medium and Star Formation*” at University of Heidelberg (Lecture and Exercises)
- SS 04 **Advanced Course “High Energy Astrophysics”** (Lecture, Exercises and Examinations) at University of Vienna
- Advanced Block Seminar** on “*Clusters of galaxies and large scale structure of the universe*” at University of Heidelberg”
- WS 03/04 **Advanced Seminar** on “*Clusters of galaxies and large scale structure of the universe*”
- Advanced Course** at the International Max-Planck Research School (IMPRS), Munich, on “*Interstellar Medium*” (jointly with Dr. Hans Böhringer)
- SS 03 **Advanced Seminar “Clusters of galaxies and large scale structure of the universe”**
- WS 02/03 **Advanced Course** at the International Max-Planck Research School (IMPRS), Munich, on “*Interstellar Medium*” (jointly with Dr. Hans Böhringer)
- Advanced Seminar** on “*Groups and clusters of galaxies*”
- SS 02 **Advanced Seminar** on “*Interstellar and Intergalactic Medium*”
- WS 01/02 **Block Course “Introduction to Plasma Physics”**
- SS 01 **Block Course “Introduction to Plasma Physics”**
- WS 00/01 **Advanced Seminar** on “*Interstellar Medium*”
- SS 00 **Sabbatical** at Princeton University (USA)
- WS 99/00 **Advanced Seminar** on “*Interstellar Medium*”
- SS 99 **Seminar** for undergraduates (incl. certificate) on “*Radiation processes in Physics and Astronomy*”
- WS 98/99 **Advanced Seminar** on “*Interstellar Medium*”
- SS 98 **Seminar** for undergraduates (incl. certificate) on “*Radiation processes in Physics and Astronomy*”
- WS 97/98 **Advanced Seminar** on “*Interstellar Medium*”
- SS 97 **Seminar** for undergraduates (incl. certificate) on “*Radiation processes in Physics and Astronomy*”
- WS 96/97 **Advanced Course** on “*Magnetohydrodynamics*” for Students of Physics and Astronomy
- SS 96 **Advanced Course** on “*Gas dynamics*” for Students of Physics and Astronomy
- WS 95/96 **Advanced Course** on “*Shock Waves and nonlinear Waves*” for Students of Physics and Astronomy
- SS 95 **Advanced Course** on “*Dynamical Processes in the Interstellar Medium*” for Students of Astronomy

WS 94/95 | ***First Semester Course in Experimental Physics*** for Physics Students
(with exercises, incl. certificates)