



KARL-FRANZENS-UNIVERSITÄT
GRAZ

DOKTORATSKOLLEG GRAZ

"Hadrons in Vacuum, Nuclei and Stars"

in collaboration with the European Graduate School Basel- Tübingen

Kompaktvorlesung

Prof. Dr. Dr. h.c. mult. Amand Faessler

Tübingen

Montag, 15.10.2007 - Freitag, 18.10.2007

Neutrinos in Cosmology, in Astro, Particle and Nuclear Physics

Termine, Ort:

Montag	15.10.2007 10:30 – 12:00	HS 47.02
Dienstag	16.10.2007 10:30 – 12:00	HS 47.02
Mittwoch	17.10.2007 15:00 – 16:30	HS 05.12
Donnerstag	18.10.2007 15:00 – 16:30	HS 05.12
Freitag	19.10.2007 10:30 – 12:00	HS 47.02

Inhalt der Vorlesung:

1. Introduction
2. Neutrino properties
3. Mass of the neutrino
4. Neutrino masses and supersymmetry
5. Neutrino oscillations
6. Double beta decay