

SCHEDULE

Monday

- 08:30-09:30 Registration at
Albert-Ueberle-Str. 3-5,
2nd floor, room 260
- 09:30-12:30 Morning lectures
- 12:30-13:30 Lunch, welcome address
- 14:00-17:00 Afternoon lectures
- 17:30-18:30 McKinsey & Company industry lecture
- 18:30- ... general welcome party

Tuesday

- 09:30-12:30 Morning lectures
- 12:30-13:30 Lunch
- 14:00-17:00 Afternoon lectures

Wednesday

- 09:30-12:30 Morning lectures
- 12:30-13:30 Lunch
- 14:00-17:00 Afternoon lectures
- 17:30-18:30 Hans Jensen Invited Lecture
Philosophenweg 12,
»Großer Hörsaal«
- 18:30- ... d-fine barbecue

Thursday

- 09:30-12:30 Morning lectures
- 12:30-13:30 Lunch
- 14:00-17:00 Afternoon lectures

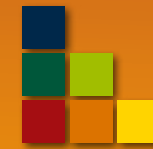
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MAP



- 1 Institute of Theoretical Physics, Seminar Room, Philosophenweg 19
- 2 Institute of Theoretical Physics, library, Philosophenweg 16
- 3 Institute of Physics, »Kleiner Hörsaal«, Philosophenweg 12
- 4 Institute of Physics, »Großer Hörsaal«, Philosophenweg 12
- 5 Institute of Physics, Technical workshop, Philosophenweg 12
- 6 »Neuer Hörsaal«, Albert-Ueberle-Str. 7
- 7 Institute of Physics, Technical workshop, Philosophenweg 12
- 8 Institute of Theoretical Astrophysics, Albert-Ueberle-Str. 2
- 9 Albert-Ueberle-Str. 1
- 10 Dean of the Faculty of Physics and Astronomy, Albert-Ueberle-Str. 3-5
- 11 Central Office, Graduate School of Fundamental Physics
- 12 CIP Pool of the Institute of Psychology, Hauptstr. 47-51



HG SFP

Heidelberg Graduate School
of Fundamental Physics



XXI HEIDELBERG PHYSICS GRADUATE DAYS

29. September – 02. October 2008

at the Faculty of Physics and Astronomy
of the University of Heidelberg

Programme

SUPPORTED BY



d-fine

McKinsey & Company

MAX-PLANCK-INSTITUT
FÜR KERNPHYSIK

REGISTRATION

All participants are requested to register at the conference office on Monday morning between 8:30 and 9:30 a.m. The address is: Albert-Ueberle-Str. 3-5, 2nd floor, room 260 of Mrs. Buchhaupt (+49 6221 54 92 85). If you have not paid the conference fee, you should do it in cash then. At this office, you can obtain further information about the event. There will also be a short welcome address by the organisers on Monday during the lunchbreak, where you can ask further questions.

PROGRAMME

Morning lectures (9:30–12:30)

»PHYSICS OF COMPACT STARS«

Jürgen Schaffner-Bielich (University of Heidelberg)
Room: Phil 12 kHS

»THEORETICAL METHODS IN QUANTUM OPTICS«

Scott Parkins (University of Auckland, New Zealand)
Room: Phil 12 gHS

»FROM HADRONS TO THE QUARK-GLUON PLASMA«

Bernd-Jochen Schaefer (University of Graz, Austria)
Room: Phil 12 SR

»NON-EQUILIBRIUM DYNAMICS IN LOW-D SYSTEMS«

Thomas Gasenzer (University of Heidelberg)
Room: A-Ue 3-5 SR

»APPLICATIONS OF MRI IN CLINICAL MEDICINE«

Lothar Schad (University of Mannheim)
Room: A-Ue 3-5 Bib

Afternoon lectures (14:00–17:00)

»QUANTUM INFORMATION AND ENTANGLEMENT«

Florian Mintert (University of Freiburg)
Room: Phil 12 gHS

»EVOLUTION OF THE COSMOLOGICAL LARGE SCALE STRUCTURE«

Björn Schäfer (University of Heidelberg)
Room: Phil 12 kHS

»FORMATION OF PLANETS«

Sebastian Wolf (University of Kiel)
Room: A-Ue 3-5 SR

»AN INTRODUCTION TO CHIRAL PERTURBATION THEORY«

Ulf Meißner (Helmholtz Institut, Bonn and FZ Jülich)
Room Phil 12 SR

»SCIENTIFIC METHODS FOR QUANTIFYING AND MANAGING RISK IN THE FINANCIAL WORLD«

d-fine (Frankfurt)
Room: A-Ue 3-5 Bib

Single Lecture (Monday 17:30–18:30)

»NUCLEAR RENAISSANCE – MYTH OR SUBSTANCE?«

André Schnidrig, Alexander Weiss (McKinsey&Company)
Room: Phil 12 gHS

Hans Jensen Invited Lecture (Wednesday, 17:30–18:30)

»THE ›CONCORDANCE MODEL‹ AND THE VALUE OF THE HUBBLE CONSTANT«

Andreas Tammann (University of Basel)
Room: Phil 12 gHS

BREAKS AND EVENTS

Coffee breaks (around 11:00 and 15:30)

Lunch break (12:30–13:30)

General welcome party,
sponsored by McKinsey&Company (Monday, 18:30–...)

d-fine barbecue (Wednesday, 18:30–...)

LEGEND

Phil 12 gHS: ›Großer Hörsaal‹
(Large lecture theatre),
1st floor, Institute of Physics,
Philosophenweg 12

Phil 12 kHS: ›Kleiner Hörsaal‹
(Small lecture theatre),
2nd floor, Institute of Physics,
Philosophenweg 12

Phil 12 SR: Seminar room,
3rd floor,
Institute of Physics,
Philosophenweg 12

A-Ue 3-5 Bib: former library,
3rd floor,
Institute of Physics,
Albert-Ueberle-Str. 3–5

A-Ue 3-5 SR: Seminar room,
1st floor,
Institute of Physics,
Albert-Ueberle-Str. 3-5