

1 Registration

All participants are requested to come to the conference office on Monday morning between 8:30 and 9:30 a.m. Here you can obtain further information about the event and pay the registration fee, if you haven't already done so. There will also be a short welcome address by the organisers on Monday during the lunch break, where you can ask further questions.

Conference office: Room 161, 1st floor, Albert-Ueberle-Str. 3-5, Mrs. Krämer (+49 6221 54 9212)

2 Programme

2.1 Morning lectures (9:30-12:30)

Tracking in High Energy Physics

Carsten Niebuhr (DESY, Hamburg)
& Guillaume Leibenguth (IPP, ETH Zuerich)
Phil 12 SR

Lattice QCD

Kurt Langfeld (Plymouth, UK)
Phil 19 SR

Dark Matter in the Universe

Kris Sigurdson (U. of British Columbia)
Phil 12 gHS

Physics with Antimatter – Science, not fiction

Carsten Welsch (U. Heidelberg)
& Dieter Grzonka (FZ - Jülich)
Phil 12 kHS

Philosophy, Science and Environmental Realism

Giridhari Lal Pandit (U. of Delhi, India)
A-Ue 3-5 Bib

2.2 Afternoon lectures (14:00-17:00)

Quantum Information and Quantum Optics

Jian-Wei Pan (U. Heidelberg)
A-Ue 3-5 SR

International Linear Collider: Physics, Machine, Experiments

Peter Wienemann
Phil 12 kHS

String/Gauge Theory Correspondence in QCD

Kasper Peeters (Utrecht U., Netherlands)
Phil 19 SR

The non-Standard Model Higgs Boson(s)

Riccardo Barbieri (PISA, Italy)
Phil 12 SR

Global Warming

Klaus Pfeilsticker (U. Heidelberg)
Phil 12 gHS

Methods from Physics in Finance

Hans Peter Deutsch (d-fine, Frankfurt)
A-Ue 3-5 Bib

McKinsey Single Lecture (Monday 17:30-18:30) Perspectives für avoiding Greenhouse Gases in Germany - Potential and Costs

Kalle Greven (McKinsey&Company, Cologne)
Phil 12 gHS

2.3 Hans Jensen Invited Lecture (Thursday, 17:30)

Endless Universe:

A Voyage Beyond the Big Bang

Paul J. Steinhardt (Princeton, USA)
Phil 12 gHS

3 Breaks and Events

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

in front of Phil 12 gHS
in front of A-Ue 3-5 Bib

3.2 Lunch break (12:30-14:00)

in "Neuer Hörsaal", Albert-Ueberle-Str. 3-5

3.3 McKinsey party with beer and pretzles (Monday, 18:30- ...)

4 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

Phil 19 SR: Seminar room,
Institute of Theoretical Physics
Philosophenweg 19

A-Ue 3-5
CIP-Pool: Computer room,
2nd floor,
Institute of Physics,
Albert-Ueberle-Str. 3-5,

5 Schedule

Monday

08:30-09:30 Registration in
Albert-Ueberle-Str. 3-5,
1st floor, room 161

09:30-12:30 Morning lectures
12:30-14:00 Lunch, welcome address
14:00-17:00 Afternoon lectures
17:30-18:30 McKinsey lecture
18:30- ... McKinsey party with beer
and pretzles

Tuesday

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

Wednesday

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

Thursday

09:30-12:30 Morning lectures
12:30-14:00 Lunch
14:00-17:00 Afternoon lectures
17:30-19:00 Hans Jensen Invited Lecture
Philosophenweg 12,
"Großer Hörsaal"
19:30- ... d-fine barbecue

Friday

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

6 Map



- 1 Institute of Theoretical Physics, Seminarroom, 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-Überle-Str. 3-5
- 7 Institute of Physics, Technical workshop, Philosophenweg 12
- 8 Institut of Theoretical Astrophysics, Albert-Überle-Str. 3-5
- 9 Albert-Überle-Str.1
- 10 Dean of the Faculty of Physics and Astronomy, Albert-Überle-Str.
- 11 Central Office, Graduate School of Fundamental Physics

7 Supported by



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XIX HEIDELBERG PHYSICS GRADUATE DAYS 08.10. - 12.10.2007

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

Programme

