

# XVIII. HEIDELBERG PHYSICS GRADUATE DAYS

Tue 10 – Fri 13 April 2007

## Registration

All participants are requested to come on Tuesday morning between 8:30 and 9:30 a.m. to the conference office, Albert-Überle-Str. 3-5, 1<sup>st</sup> floor, room 161 to Mrs. Krämer (Tel. +49 6221 54 9212). If you did not transfer the fee, you should pay it cash there. In the office you can get further information about the event. There will also be a short welcome address by the organisers on Tuesday during the lunch, where you can ask further questions.

## Morning Courses (9:30 – 12:30)

Thomas Schücker	Noncommutative Geometry	Phil 12 gHS
Holger Gies, Jörg Jäckel	PVLAS Experiment	Phil12 SR
Selim Jochim, Henning Moritz	Creating new states of matter: Experiments with ultra-cold Fermi gases	Phil 12 kHS
Marion u. Joachim Lammarsch	Publizieren und Präsentieren mit LaTeX	A-Ü 3-5 CIP-Pool
Rüdiger Schmidt, Hans-Christian Schultz-Coulon, Ulrich Uwer, Raimond Snellings	LHC: Physics, Machine, Experiments	A-Ü 3-5 Bib

## Afternoon Courses (14:00 – 17:00)

Roman Pöschl	Calorimeters in High Energy and Nuclear Physics	A-Ü 3-5 SR1
Gerald Dunne	Effective actions	Phil 12 gHS
Rachel Bean	Cosmic Microwave Background	Phil 12 kHS
Ulrich Finke	Atmosphärische Elektrizität	Phil 12 SR
Christian Gutt	Einführung in die Physik der Röntgenstreuung	A-Ü 3-5 Bib

## Festvortrag – Hans Jensen Lecture (Tue 12.04.2007, 17:30)

Hanns Ruder	Dunkle Materie, Dunkle Energie (finstere Gedanken) – Moderne Entwicklungen in der Kosmologie	Phil 12 gHS
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## Legend

Phil 12 gHS: Grosser Hörsaal, 1<sup>st</sup> floor, Physikalisches Institut, Philosophenweg 12

Phil 12 kHS: Kleiner Hörsaal, 2<sup>nd</sup> floor, Physikalisches Institut, Philosophenweg 12

Phil 12 SR: Seminarraum, 3<sup>rd</sup> floor, Physikalisches Institut, Philosophenweg 12

A-Ü 3-5 Bib: ehemalige Bibliothek, 3<sup>rd</sup> floor, Physikalisches Institut, Albert-Überle-Str. 3-5

A-Ü 3-5 CIP-Pool: Computer room, 2<sup>nd</sup> floor, Physikalisches Institut, Albert-Überle-Str. 3-5

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

in front of gHS, 1<sup>st</sup> floor, Philosophenweg 12, and

in front of Bibliothek, 3<sup>rd</sup> floor, Albert-Überle-Str. 3-5

## Lunch (12:30 – 14:00)

in „Neuer Hörsaal“, Philosophenweg 12 (building #10 on the map)

# Schedule

## Tuesday, April 10

- 8:30 – 9:30 Registration in Albert-Überle-Str. 3-5, 1<sup>st</sup> floor, room 161
- 9:30 – 12:30 Morning lectures
- 12:30 – 14:00 Lunch, welcome address
- 14:00 – 17:00 Afternoon lectures
- 17:30 – ... Welcome party with beer and pretzels

## Wednesday, April 11

- 9:30 – 12:30 Morning lectures
- 12:30 – 14:00 Lunch
- 14:00 – 17:00 Afternoon lectures

## Thursday, April 12

- 9:30 – 12:30 Morning lectures
- 12:30 – 14:00 Lunch
- 14:00 – 17:00 Afternoon lectures
- 17:30 – 19:00 Celebratory colloquium in Philosopheweg 12, Großer Hörsaal
- 19:30 – ... d-fine barbecue

## Friday, April 13

- 9:30 – 12:30 Morning lectures
- 12:30 – 14:00 Lunch
- 14:00 – 17:00 Afternoon lectures

## Map

