

Organizing committee:

Horst Fischer (Chair, Univ. of Freiburg)
Marc Schumann (Chair, Univ. of Freiburg)
Vassilis Anastassopoulos (Univ. of Patras)
Laura Baudis (Univ. of Zurich)
Giovanni Cantatore (Univ. of Trieste)

Joerg Jaeckel (Univ. of Heidelberg) Axel Lindner (DESY) Andreas Ringwald (DESY) Yannis Semertzidis (CAPP/IBS & KAIST) Konstantin Zioutas (Co-Chair, Univ. of Patras)



Deadline for abstract submission and early registration: 30 April 201

http://axion-wimp2019.desy.de

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Freiburg: some interesting facts

- 227'400 people
 - one of the "classic" German **University** cities
 - "green capital of Germany"
- Freiburg is one of the warmest German cities
 - most tropical nights (T>20°C) in Germany
- Freiburg is the **highest German city**
 - → trick: include summit of "Schauinsland" (1282m)





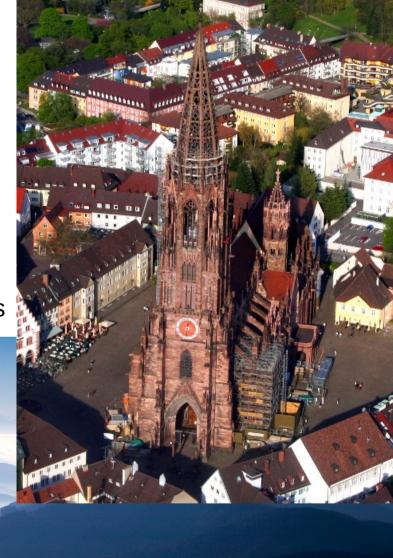
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 - → trick: include summit of "Schauinsland" (1282m)
- Freiburg Münster (1200-1500)

Tower: "nicest tower on Earth" (J. Burckardt)

116m, finished already 1330

→ among highest buildings during middle ages



Be aware of the "Bächle"...



Institute of Physics

University of Freiburg



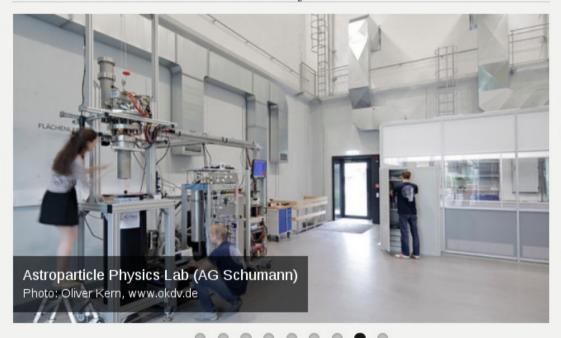
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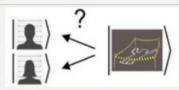
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Research

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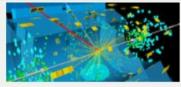
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- Priority programmes / Research Training Groups
- Scientific Advisory Board (SAB)

News



Physics Colloquium 03.06.2019, 17:15 Uhr

"Quantum Retrodiction: Is there an Arrow of Time in



Fundamental questions in particle physics

The Research Training Group "Mass and

Research Groups at the Institute of Physics

Atomic, Molecular and Optical Physics



- Cluster and Synchrotron Spectroscopy ☑ Prof. Dr. T. Lau
- Experimental Attosecond and Laser Physics ☑ Prof. Dr. G. Sansone
- Experimental Atomic, Molecular and Optical Physics

 [™]

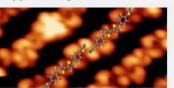
 Prof. Dr. T. Schätz
- Molecular and Nanophysics

 Prof. Dr. F. Stienkemeier
- Clusterphysics

 apl. Prof. Dr. B. v. Issendorff
- Solar Physics ☑ Prof. Dr. O. von der Lühe Prof. Dr. S. Berdyugina
- Quantum Optics and Statistics ♂ Prof. Dr. A. Buchleitner apl. Prof. Dr. H.-P. Breuer Dr. S. Y. Buhmann (Emmy Noether Group ♂)

PD Dr. A. Rodriguez PD Dr. T. Wellens

Condensed Matter and Applied Physics



- Experimental Polymer Physics
 Prof. Dr. G. Reiter
- Nanophysics and Molecular Nanomagnets ☑ Prof. Dr. O. Waldmann
- Funktional Nanosystems

 Prof. Dr. M. Moseler

 PD Dr. M. Walter
- Statistical Physics of Soft Matter and Complex Systems ☑ Prof. Dr. T. Schilling
- Biomolecular Dynamics

 Prof. Dr. G. Stock
- Theoretical Condensed Matter Physics ☑ Prof. Dr. M. Thoss
- Dynamics in the Life Sciences
 Prof. Dr. J. Timmer apl. Prof. Dr. T. Filk
- Applied Theoretical Physics -Computational Physics ☑ Prof. Dr. J. Dzubiella

Particles, Fields and Cosmos



- Experimental Particle Physics
 Prof. Dr. B. Heinemann
- Experimental Particle Physics
 Prof. Dr. G. Herten
 apl. Prof. Dr. U. Landgraf
- Experimental Particle Physics ☑ Prof. Dr. K. Jakobs
 Dr. C. Weiser (Interim Professor)
 Hon.-Prof. Dr. P. Jenni
- Experimental Particle Physics

 Prof. Dr. M. Schumacher
- Experimental Astroparticle Physics ☑ Prof. Dr. M. Schumann apl. Prof. Dr. H. Fischer
- Theory of Particle Physics and Quantum Field Theory
 Prof. Dr. S. Dittmaier
- Quantum Fields and Particle Phenomenology ☑ Prof. Dr. H. Ita visiting Prof. Dr. F. Febres Cordero
- Elementary Particle
 Phenomenology

 Prof. Dr. J. J. van der Bij

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23 research groups theory and experiment

- ~600 students
- ~125 PhD students
- ~65 PostDocs

Members of external Institutes

Kiepenheuer Institute, KIS

■ Solar Physics (KIS)
Prof. Dr. O. von der Lühe
Prof. Dr. S. Berdyugina
apl. Prof. Dr. M. Roth
apl. Prof. Dr. W. Schmidt

University of Freiburg

- Medical Physics (University Hospital) ☑¹ Prof. Dr. M. Bock* Prof. Dr. J. Hennig*
- Computational Neuroscience (Faculty of Biology) ☑ Prof. Dr. S. Rotter*

Fraunhofer Institutes

- Applied Solid State Physics (Fraunhofer IAF) ♂ apl. Prof. Dr. J. Wagner
- Theoretical Materials Physics (Fraunhofer IWM) ☑ apl. Prof. Dr. C. Elsässer Prof. Dr. M. Moseler
- Spectroscopy of Optical Materials (Fraunhofer IPM) ☑ PD Dr. F. Kühnemann

Axions and WIMPs in Freiburg











Agenda

98 contributions! >130 participants.

	Monday		Tuesday		Wednesday		Thursday		Friday
9:30		9:00		9:00		9:00		9:00	
10:50	Coffee	10:35	Coffee	10:35	Coffee	10:35	Coffee	10:35	Coffee
11:20		11:05		11:05		11:05		11:05	
13:00	Lunch	13:05	Lunch	13:05	Lunch	13:05	Lunch	13:10	End
14:30		14:15	Short Talks	14:00	Excursion	14:30		14:30	
16:00	Coffee	16:00	Posters + Coffee		Excursion	16:10	Coffee	16:00	
16:30					Excursion	16:40		16:30	
		17:10			Excursion	17:15		17:15	
18:30	End	18:30	End		Excursion	18:40	End	18:30	
	18:45 Reception			19:30	Excursion		19:30 Dinner		

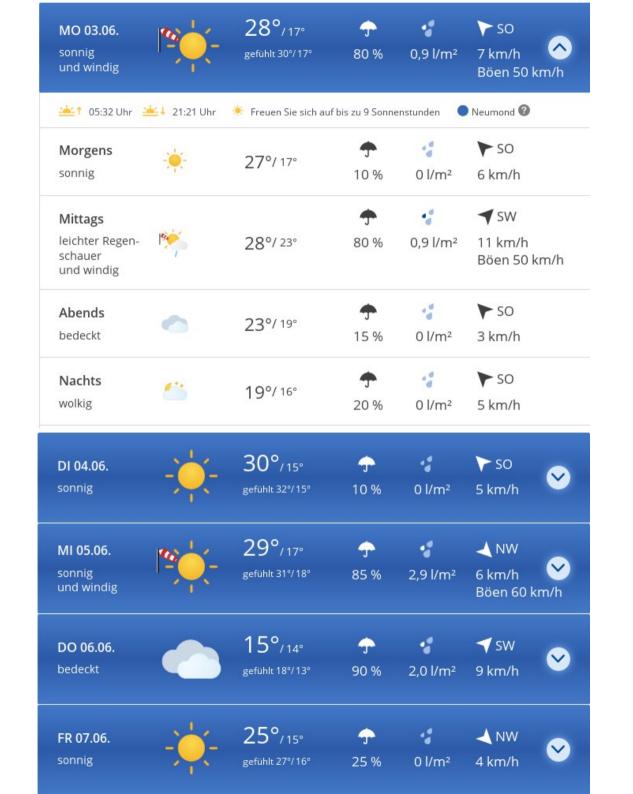
TODAY: Welcome Reception

Öffentlicher Abendvortrag: Die Verborgene Seite des Universums - auf der Suche nach Dunkler Materie

Die Professorin Laura
Baudis (Universität Zürich)
spricht in diesem
öffentlichen Abendvortrag
am 04. Juni, 19:30 im HS
2004/KG II über die Suche
nach "Dunkler Materie" und
berichtet von aktuellen und
künftigen Bemühungen
diese in Experimenten
nachzuweisen.

Wednesday: **Afternoon Excursion**

Thurday: Conference Dinner



Conference Office

- Justin Baier
- Daniel Baur
- Julia Dierle
- Patrick Meinhardt

Conference Desk staffed during every coffee break, at every morning and just before the start of the afternoon.

- Horst Fischer
- Marc Schumann



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