

DESY Theory Workshop 2008
“DARK MATTER AT THE CROSSROADS”
September 29 – October 2, 2008

Program: <http://www.desy.de/desy-th/workshop2008/>

INTRODUCTORY LECTURES: Monday, Sept. 29, 2008, Auditorium, Bldg. 5

Chair: A. Ringwald

09.00 - 10.45	John A. Peacock (Edinburgh)	Structure Formation
10.45 - 11.15	Break	
11.15 - 13.00	Paolo Gondolo (Salt Lake City)	WIMPs as Dark Matter
13.00 - 14.00	LUNCH	

Chair: W. Buchmüller

14.00 - 15.45	Mihoko M. Nojiri (KEK)	Dark Matter and the LHC
15.45 - 16.15	Break	
16.15 - 18.00	Yasunori Nomura (Berkeley)	Supersymmetry Breaking
18.00	End of Session	

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PLENARY SESSION: Tuesday, September 30, 2008, Auditorium, Bldg. 5

Chair: M. Drees

09.00 - 09.10	Albrecht Wagner (DESY)	Welcome
09.10 - 09.50	Hansjörn Dittus (Bremen)	Testing Gravity in the Solar System
09.50 - 10.30	Gerry Gilmore (Cambridge)	Dark Matter in Galaxies
10.30 - 11.00	Coffee Break	

Chair: A. Burkert

11.00 - 11.40	Peter Schneider (Bonn)	Gravitational Lensing
11.40 - 12.20	Jürg Diemand (Santa Cruz)	Simulations of Structure Formation
12.20 - 13.30	LUNCH	

Chair: T. Yanagida

13.30 - 14.10	Philippe Jetzer (Zürich)	Baryonic Dark Matter
14.10 - 14.50	Julien Lesgourgues (CERN)	Neutrino Cosmology
14.50 - 15.20	Coffee Break	

Chair: P. Zerwas

15.20 - 16.00	Jihn E. Kim (Seoul)	Axion Theory
16.00 - 16.40	Gray Rybka (Seattle)	Search for Axions and Axion-Like Particles

HEINRICH HERTZ LECTURE: 17.30, Auditorium, Bldg. 5
Prof. Dr. Gabriele Veneziano, (CERN & Collège de France, Paris)
Space, Time and Matter

WELCOME BUFFET: 19.00, DESY Cafeteria, Bldg. 9

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PLENARY SESSION: Wednesday, October 1, 2008, Auditorium, Building 5

Chair: J. Kalinowski

09.00 - 09.40	Howard A. Baer (Tallahassee)	SUSY WIMP Models
09.40 - 10.20	Maxim Perelstein (Cornell)	Non-SUSY WIMP Models
10.20 - 11.00	Alejandro Ibarra (München)	Decaying Super-WIMPs
11.00 - 11.30	Coffee Break	

Chair: D. Bödeker

11.30 - 12.15	Aldo Morselli (Rome)	Indirect Dark Matter Searches
12.15 - 13.00	Laura Baudis (Zürich)	Direct WIMP searches
13.00 - 14.30	LUNCH	

PARALLEL SESSIONS: Wednesday, October 1, 2008, Sem. R. 2, 4a, 4b, 3, 1

14.30 - 18.00 see separate program

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PLENARY SESSION: Thursday, October 2, 2008, Auditorium, Building 5

Chair: G. Sigl

09.00 - 09.40 **Gianfranco Bertone** (Paris) Dark Matter and Stars

09.40 - 10.20 **Fumihiko Takayama** (Cornell) Stable Super-WIMPs

10.20 - 11.00 Coffee Break

Chair: V. Schomerus

11.00 - 11.40 **Sabine Kraml** (Grenoble) Dark Matter and Collider Physics

11.40 - 12.20 **Klaus Desch** ((Bonn)) LHC Start-Up

12.20 Lunch and adjourn