



ISAPP 2011 Summer School in HEIDELBERG

European Doctorate School

8-15 July 2011

<http://www.mpi-hd.mpg.de/ISAPP2011/>

Standard Model of elementary particles (precourse)
Cosmology (precourse)
Neutrinos as dark component of the Universe
Cosmological structure formation
Dark energy
Direct Dark Matter detection
Dark Matter at the LHC
Indirect Dark Matter detection
Dark Matter phenomenology
Sterile neutrinos as Dark Matter
Non-supersymmetric Dark Matter candidates
Supersymmetric Dark Matter candidates
Axions as Dark Matter

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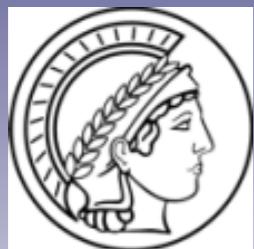
The dark side of the Universe

Local Organizing Committee

E. Akhmedov, A. Berneiser, C. Buck, A. Dueck, W. Hampel, G. Heusser, A. Kartavtsev, M. Lindner (chair), W. Rodejohann, B. Schwarz, T. Schwetz, H. Simgen, A. Smolnikov

Sponsored by

Max-Planck-Institut für Kernphysik
IMPRS "Precision Tests of Fundamental Symmetries"



Lecturers:

L. Amendola, M. Cirelli, C. de los Heros, J. Jochum,
A. Masiero, T. Plehn, G. Raffelt, W. Rodejohann,
T. Schwetz-Mangold, G. Servant, M. Shaposhnikov,
V. Springel, Y. Wong

The summer school will take place at the Max-Planck-Institut für
Kernphysik in Heidelberg.

Further details can be found on the school's web page at

<http://www.mpi-hd.mpg.de/ISAPP2011/>

Max-Planck-Institut für Kernphysik, Heidelberg

