

Teilchentee Sommersemester 2010 Heidelberg

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15.04. Matthias Neubert / U Mainz und Heidelberg **

High-precision predictions for Higgs and top-quark pair production at hadron colliders

22.04. Georg Wolschin/ U Heidelberg **

Heavy Ions at the LHC: Selected predictions

29.04. Stefan Antusch / MPI-Physik München **

6.05. Philippe deForcrand / ETH Zurich **

Nuclear physics from lattice QCD at strong coupling

20.05. Thomas Becher / U Bern **

Beyond parton showers: higher-log resummations of collider processes using effective field theory

27.05. Mariana Grana / Saclay **

[Flux compactifications and generalized geometries](#)

10.06. Marcus Bleicher / U Frankfurt/M **

Hybrid approaches to heavy ion collisions and future perspectives

17.06. Gia Dvali / LMU München **

Microscopic gravity and physics at LHC

24.06. Georg Weiglein / DESY Hamburg **

Prospects for SUSY and Higgs Phenomenology at the LHC

1.07. Mirjam Cvetič / U Pennsylvania **

Landscape of Realistic Particle Physics

(5.07. Borut Bajc/ Ljubljana @ MPI / Monday)

[What can PAMELA and Fermi/LAT tell us about MSSM?](#)

8.07. Boris Kopeliovich/ USM Chile:

[J/Psi production in proton-proton, proton-nucleus and nucleus-nucleus collisions: puzzles and solutions](#)

15.07. Institutsfest **

22.07. David Langlois / U Paris **

Glimpses into the very early Universe