

## Timetable Corfu TR33 meeting Sep 17-21, 2012



Chairperson

### Mo Sep 17

P. Schneider

- 9:15-9:30 Opening and Welcome  
9:30-10:30 Josef Jochum: Current status of dark matter search experiments  
10:30-11:00 break  
11:00-12:00 Yannick Mellier: Cosmic shear and the Euclid mission  
12:00-12:30 Benjamin Joachimi: Getting into shape for Euclid-Intrinsic galaxy shapes and alignments, and impact on weak lensing  
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16:00-17:00 Laura Covi: Dark matter candidates  
17:00-17:30 Piotr Mijakowski: Indirect searches for dark matter at Super-Kamiokande  
17:30-18:00 break  
18:00-19:00 Andrea Maccio: Effects of baryons on the dark matter distribution  
19:00-19:30 Johanna Gramling: Probing dark matter with monojets at the LHC

T. Reiprich

### Di Sep 18

- 9:00-10:00 Nabila Aghanim: Recent results from Planck  
10:00-10:30 Cristiano de Boni: Hydrodynamical simulations of galaxy clusters in dark energy cosmologies  
10:30-11:00 break  
11:00-12:00 Norbert Wermes: Latest results from the LHC  
12:00-12:30 Oleg Lebedev: Higgs portal dark matter and the LHC  
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16:00-17:00 Hans Peter Nilles: Strings for everyone  
17:00-17:30 Constantinos Pallis: Models of non-minimal chaotic inflation in supergravity  
17:30-18:00 Encieh Erfani: Axiology

L. Covi

G. Zoupanos

18:00-20:00 TR33\_PI-Meeting

**Mi Sep 19**

C. Wetterich

- 9:00-10:00 Thomas Reiprich: Cluster cosmology and prospects for eRosita
- 10:00-10:30 Hans Boehringer: Galaxy clusters as cosmological probes
- 10:30-11:00 break
- 11:00-11:30 Marco Baldi: Simulating structure formation in the dark universe
- 11:30-12:00 Ewald Puchwein: Effects of modified gravity and baryonic physics on structure formation
- 12:00-12:30 Matthias Klein: The APEX-SZ weak lensing follow-up project

**EXCURSION**

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**Do Sep 20**

M. Bartelmann

- 9:00-10:00 Dieter Horns: High-energy gamma ray constraints on the extragalactic background light
- 10:00-10:30 Katarina Markovic: Effects of warm dark matter on the large-scale structure
- 10:30-11:00 break
- 11:00-11:30 Tomo Takahashi: Scale dependence of non-gaussianities as a probe of the early universe
- 11:30-12:30 Eric Bergshoeff: A new road to massive gravity?

M. Drees

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- 16:00-16:30 Katharina Borm: X-ray galaxy cluster properties with eRosita
- 16:30-17:00 Nina Roth: How accurate are measurements of primordial non-gaussianities obtained from galaxy clustering surveys?
- 17:00-17:30 Lorenzo Ubaldi: Light neutralinos and white dwarfs
- 17:30-18:00 break
- 18:00-18:30 Ioannis Dalianis: A natural solution to the gravitino overabundance problem
- 18:30-19:00 Jennifer Pollack: A new method to measure galaxy bias from the bispectrum

20:00 **GREEK NIGHT**

Fr Sep 21

G. Wolschin

- 9:00-10:00 Dan Maoz: Progenitors of SN Ia explosions  
10:00-10:30 Ulrich Feindt: Investigating anisotropies in the local universe  
with the SN factory  
10:30-11:00 break  
11:00-11:30 Julia Harz: Impact of QCD and Susy-QCD corrections on the neutralino  
dark matter relic density  
11:30-12:00 Krzysztof Turzyski: Multi-field inflationary trajectories with a fast-turn  
feature  
12:00-12:30 Sonia Kabana: Heavy-ion physics at RHIC and LHC with cosmological  
implications

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B. Leibundgut

- 16:00-17:00 Christof Wetterich: Quantum gravity and emergent metric  
17:00-17:30 Nicolas Bernal: Phenomenology of WIMPy baryogenesis models

18:00 Farewell: End of Conference

