

Session Program

4-9 Dec 2015



28th Texas Symposium on Relativistic Astrophysics

04 - Dark energy

International Conference Centre Geneva
17 Rue de Varembe, 1211 Geneva

Saturday 5 December

14:00

04 - Dark energy

Session |
Location: International Conference Centre Geneva, Level 2, Room 14, 17 Rue de Varembe, 1211 Geneva |
Convener: Martin Kunz

14:00-14:27 High redshift BAO from BOSS to eBOSS

Speaker
Dr Timothée Delubac

14:27-14:53 Tracing dark energy with quasars.

Speaker
Justyna Średzińska

14:53-15:19
Measuring cosmological parameters with GRBs: status and perspectives

Speaker
Lorenzo Amati

15:19-15:45
The m-z relation for type Ia supernovae, locally inhomogeneous cosmological models, and the nature of dark matter

Speaker
Mr Phillip Helbig

15:45

16:15

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16:15-16:40 Using Atom Interferometry to Detect Chameleon Dark Energy

Speaker
Clare Burrage

16:40-17:05 Causality in theories with more than one metric

Speaker
Ignacy Leonard Sawicki

17:05-17:29
Dark energy as a fixed point of the Einstein Yang-Mills Higgs Equations

Speaker
Massimiliano Rinaldi

17:29-17:53 Non-local gravity and comparison with observational datasets

Speaker
Yves Dirian

17:53-17:56

Viability of a quintessence model with inverse power law potential as a dark energy candidate**Speaker**

Mr Erick Jonathan Almaraz Aviña

17:56-17:59

Constraints on a DE parametrization using BAO and Forecasting for future surveys**Speaker**

Ms Mariana Jaber

17:59-18:02

Force sensor for chameleon a candidate for dark energy**Speaker**

attaallah almasi

18:02-18:05

Exploring the consequences of parameter values in cosmological models with CosmoEJS, an interactive package of cosmology Java simulations**Speaker**

Jacob Moldenhauer

18:05-18:08

Testing the dark sector interaction by using the isolated galaxy pairs from SDSS DR10**Speaker**

Mr Hanwool Koo

18:08-18:11

The gravitational polarization of the quantum vacuum as a possible solution to the dark energy problem**Speaker**

Dragan Hajdukovic

18:12-18:15

Primordial perturbations in a bouncing Universe with quintessence**Speaker**

Anna Paula Bacalhau

18:15-18:18

Refinements of Jungle Universes**Speaker**

Alicia Simon-Petit

18:18-18:45

gap

18:45

Sunday 6 December

14:00

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14:00–14:26

Planck 2015 results on Dark Energy and Modified Gravity

Speaker

Matteo Martinelli

14:26–14:53

Tensions Between CMB and Weak Lensing Data Sets when Testing General Relativity

Speaker

Jason Dossett

14:53–15:19

Constraints on induced gravity dark energy models

Speaker

Mario Ballardini

15:19–15:45

Cold dark energy and cosmological parameter estimation

Speaker

Caroline Heneka

15:45