

Session Program

22-28 Jul 2010



ICHEP 2010

11 - Particle Astrophysics and Cosmology

Palais des Congrès de Paris
2 place de la Porte Maillot Paris 17

Friday 23 July

14:00

11 - Particle Astrophysics and Cosmology

Session | **Location:** Salle 251 | **Convener:** Aurelien Barrau

14:00–14:17 **Cosmology with Wide Field Astronomy**

Speaker

Marc Moniez

14:20–14:37 **Modified Gravity and Degravitation**

Speaker

Prof. Claudia de Rham

14:40–14:53 **The CHASE laboratory search for chameleon dark energy**

Speaker

Jason Steffen

14:55–15:08

Dark Energy density in Split SUSY models inspired by degenerate vacua

Speaker

Dr Roman Nevszorov

15:10–15:23 **Reheating Temperature after Inflation in String-inspired Supergravity**

Speaker

Mitsuo J. Hayashi

15:25–15:42

Gravitational wave detectors: First astrophysical results and path to next generation

Speaker

Dr Fabien Cavalier

15:45

Saturday 24 July

09:00

11 - Particle Astrophysics and Cosmology

Session | **Location:** Salle Maillot | **Convener:** Laura Covi

09:00–09:17 **Results from the Final Runs of the CDMSII Experiment**

Speaker

Dr Marek Kos

09:20–09:33

Dark Matter Searches with Germanium Detectors with sub-keV Sensitivities

Speaker

Shin Ted Lin

09:35–09:48

A search for weakly interacting dark matter with the LUX experiment

Speaker

Prof. Carter Hall

09:50–10:07

WIMPlless Dark Matter: Models and Signatures

Speaker

Jason Kumar

10:10–10:27

Electroweak symmetry breaking and cold dark matter from strongly interacting hidden sector

Speaker

Prof. Pyungwon Ko

10:30

11:00

11 - Particle Astrophysics and Cosmology

Session | **Location:** Salle Maillot | **Convener:** Laura Covi

11:00–11:17 **Dark matter signature from the sky and at colliders**

Speaker

Prof. Shou-Hua Zhu

11:20–11:37

Recent Results from the Fermi Gamma-ray Space Telescope

Speaker

Prof. Robert Johnson

11:40–11:57

Indirect Dark Matter searches with H.E.S.S.

Speaker

Jean-Francois Glicenstein

12:00–12:13

Antiparticle Detection in Space for Dark Matter Search: the PAMELA Experiment

Speaker

Oscar Adriani

12:15–12:28

The CAST experiment: status and perspectives

12:30

Speaker

Esther Ferrer Ribas

14:00

11 - Particle Astrophysics and Cosmology**Session** | **Location:** Salle 251 | **Convener:** Aurelien Barrau

14:00-14:17

Detecting Astrophysical Neutrinos with the IceCube Observatory**Speaker**

Dr Chad Finley

14:20-14:37

The ANTARES neutrino telescope**Speaker**

Prof. Maurizio Spurio

14:40-14:53

Electroweak stars: Electroweak Matter Destruction as an Exotic Stellar Engine**Speaker**

Prof. Dejan Stojkovic

14:55-15:12

Recent Results From VERITAS**Speaker**

Prof. David Hanna

15:15-15:28

Recent Results from Milagro and Prospects for HAWC**Speaker**

Stefan Westerhoff

15:30-15:43

Astroparticle Physics with the ARGO-YBJ Experiment**Speaker**

Giovanni Marsella

15:45

16:15

11 - Particle Astrophysics and Cosmology**Session** | **Location:** Salle 251 | **Convener:** Stefan Westerhoff

16:15-16:32

GeV to Multi-TeV Cosmic Ray: Experimental Status and Future Prospects**Speaker**

Prof. Martin Pohl

16:35-16:52

Results from the High Resolution Fly's Eye Experiment**Speaker**

pierre sokolsky

16:55-17:08

Results from the Telescope Array Experiment**Speaker**

Gordon Thomson

17:10-17:27

Recent Results from the Pierre Auger Observatory**Speaker**

Karl-Heinz Kampert

17:30-17:43

The trouble with ultra-high-energy cosmic rays

Speaker

Prof. Glennys Farrar

17:45-17:58

Hadron production at fixed target energies and extensive air showers

Speaker

Dr Michael Unger

18:00