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XIII Mexican Workshop on Particles and Fields

Thursday 20 October 2011

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Auditorio Jorge Ibargüengoitia (11:30-13:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Aranda, Alfredo

time	title	presenter
11:30	Whish you were here (The Higgs)	DIAZ-CRUZ, Lorenzo
12:00	Possible texture zeros for mass matrices of the quarks and leptons	GONZALEZ CANALES, Felix
12:30	Synthesis of plastic scintillation and applications	LEÓN MONZÓN, Ildefonso
13:00	Ultrahigh Cosmic Rays: The highest energy frontier	SALAZAR, Humberto

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Auditorio Jorge Ibargüengoitia (16:00-16:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Sabido, Miguel

time	title	presenter
16:00	QM lessons for standard cosmology	REYES SANTOS, Marco A.

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Auditorio Jorge Ibargüengoitia (17:30-18:00)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Sabido, Miguel

time	title	presenter
17:30	Diffuse supernova neutrino background and scalar field dark matter	BARRANCO, Juan

Saturday 22 October 2011

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Auditorio Jorge Ibargüengoitia (19:00-19:30)

* *Cosmic Rays*

* *Gamma Ray Bursts*

* *Beyond the Standard Model (theory and experimental searches)*

* *Strings*

* *Cosmology*

- **Conveners: Dr. Weber, Axel**

time title

presenter

19:00	The Lorentz violation in a 5D susy model.	GARCÍA, José Didino
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Monday 24 October 2011

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Auditorio Jorge Ibargüengoitia (11:30-13:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Loaiza, Oscar

time	title	presenter
11:30	E-instantons in Two Dimensional Models	GARCÍA COMPEÁN, Hugo
12:00	SUSY breaking in the baryonic branch	CÁCERES, Elena
12:30	Noncommutative Minisuperspace and Lambda	SABIDO, Miguel
13:00	Towards flavor physics from the heterotic string	RAMOS-SANCHEZ, Saul

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Auditorio Jorge Ibargüengoitia (16:00-17:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
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- * *Strings*
- * *Cosmology*

- Conveners: Dr. Zepeda, Arnulfo

time	title	presenter
16:00	Simulation of Fano Factor in HAWC-30 Array	CASTILLO, Mario
16:30	Ultra-high energy extragalactic neutrinos interacting with ultra-light dark matter	MOURA, Celio
17:00	Exploring the light and heavy composition of cosmic rays with KASCADE-Grande	ARTEAGA VELAZQUEZ, Juan Carlos

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Audiovisual-1 (18:00-19:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Arteaga, Juan Carlos

time	title	presenter
18:00	Study of cosmic rays in the range of 10^{17} - 10^{18} eV with extensions of Pierre Auger Observatory.	VARELA, Enrique
18:30	Cosmological model by flux compactification in generalized varieties	DAMIAN, Cesar
19:00	Near-horizon geometry from flux compactification	VAZQUEZ MERCADO, Liliana

Tuesday 25 October 2011

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Audiovisual-1 (18:00-18:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Delgado, Germán

time	title	presenter
18:00	High-energy neutrino production in active galactic nuclei	ARTEAGA VELAZQUEZ, Juan Carlos

Astroparticles, Cosmology, Strings and Beyond the Standard Model - Audiovisual-2 (19:00-19:30)

- * *Cosmic Rays*
- * *Gamma Ray Bursts*
- * *Beyond the Standard Model (theory and experimental searches)*
- * *Strings*
- * *Cosmology*

- Conveners: Dr. Gómez Bock, Melina

time	title	presenter
19:00	A WWW Interface to generate Aires & Corsika Steer Files.	DE LEÓN ACUÑA, Cederik León