

Session Program

December 11, 2024



III IPARCOS Congress

PhD students

Facultad de Ciencias Físicas, UCM, Aula Magna M1
Plaza de Ciencias, 1, 28040 Madrid

Wed, December 11

11:00 AM

PhD students

Session | Location: Facultad de Ciencias Físicas, UCM, Aula Magna M1, Plaza de Ciencias, 1, 28040 Madrid

11:00 – 11:10 AM **Dark Matter production from Phase Transitions**

Speaker

Mr Jesús Luque del Castillo

11:10 – 11:20 AM **Transverse diffeomorphisms: basic ideas and cosmological consequences**

Speakers

Mr Diego Tessainer, Mr Jaramillo Darío

11:20 – 11:30 AM **First β -decay spectroscopy of Cd132**

Speaker

Marcos Llanos Exposito

11:30 – 11:40 AM **Phenomenology of Twist 3 PDFs**

Speaker

Mr Guillermo Portela Maller

11:40 – 11:50 AM **Cosmological production of dark matter in the Universe and in the laboratory**

Speaker

Mr Álvaro Parra-López

11:50 AM – 12:00 PM **No black holes from light**

Speaker

Mr Álvaro Álvarez Domínguez

12:00 – 12:10 PM

Giant CP violation in charmless three-body B meson decays at LHCb: all order formalism for meson-meson final state interactions

Speaker

Alba reyes Torrecilla

12:10 – 12:20 PM

Deep-learning techniques in ground-based imaging gamma-ray observatories and the CTLearn package

Speaker

Alexander Cervino

12:20 – 12:30 PM **Unveiling the mechanisms that drive star formation in galaxies**

Speaker

Mr Guillermo Valé Arteaga

12:30 – 12:40 PM **Characterization and modeling of SiPMs**

Speaker

Víctor Moya

12:40 PM