

Monday, September 04

08:30-09:00 **Registration**

09:00-10:00 **Quantum Field Theory and Effective Field Theories**

Clara Peset (IPARCOS, UCM, Madrid, Spain)

10:00-11:00 **Quantum Field Theory and Effective Field Theories**

Clara Peset (IPARCOS, UCM, Madrid, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Standard Model**

Adrian Carmona (U. Granada, Spain)

12:30-13:30 **Standard Model**

Adrian Carmona (U. Granada, Spain)

15:30-16:30 **Quantum Field Theory (Tutorial)**

Clara Peset (IPARCOS, U. Complutense, Madrid, Spain)

16:30-17:30 **Standard Model (Tutorial)**

Adrian Carmona (U. Granada, Spain)

19:00-22:00 **Welcome Reception**

Tuesday, September 05

09:00-10:00 **Statistical Methods**

Glen Cowan (Royal Holloway, UK)

10:00-11:00 **Statistical Methods**

Glen Cowan (Royal Holloway, UK)

11:00-11:30 **Coffee break**

11:30-12:30 **Standard Model**

Adrian Carmona (U. Granada, Spain)

12:30-13:30 **Quantum Field Theory and Effective Field Theories**

Clara Peset (IPARCOS, U. Complutense, Madrid, Spain)

15:30-16:30 **Statistical Methods (Tutorial)**

Glen Cowan (Royal Holloway, UK)

16:30-17:30 **Quantum Field Theory and Effective Field Theories (Tutorial)**

Clara Peset (IPARCOS, U. Complutense, Madrid, Spain)

Wednesday, September 06

09:00-10:00 **Standard Model**

Adrian Carmona (U. Granada, Spain)

10:00-11:00 **Beyond the Standard Model**

Javier Serra (IFT, Madrid, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Beyond the Standard Model**

Javier Serra (IFT, Madrid, Spain)

12:30-13:30 **Standard Model (Tutorial)**

Adrian Carmona (U. Granada, Spain)

15:30-16:30 **Beyond the Standard Model (Tutorial)**

Javier Serra (IFT, Madrid, Spain)

16:30-17:30 **LHC Physics**

Aurelio Juste (IFAE, Barcelona, Spain)

17:30-18:30 **Poster Session**

Thursday, September 07

09:00-10:00 **LHC Physics**

Aurelio Juste (IFAE, Barcelona, Spain)

10:00-11:00 **LHC Physics**

Aurelio Juste (IFAE, Barcelona, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Beyond the Standard Model**

Javier Serra (IFT, Madrid, Spain)

12:30-13:30 **Astroparticle Physics**

Pasquale Serpico (LAPTH, Annecy, France)

15:30-16:30 **Beyond the Standard Model (Tutorial)**

Javier Serra (IFT, Madrid, Spain)

16:30-17:30 **LHC Physics (tutorial)**

Aurelio Juste (IFAE, Barcelona, Spain)

Friday, September 08

09:00-10:00 **LHC Physics**

Aurelio Juste (IFAE, Barcelona, Spain)

10:00-11:00 **Astroparticle Physics**

Pasquale Serpico (LAPTH, Annecy, France)

11:00-11:30 **Coffee break**

11:30-12:30 **Astroparticle Physics**

Pasquale Serpico (LAPTH, Annecy, France)

12:30-13:30 **Astroparticle Physics (Tutorial)**

Pasquale Serpico (LAPTH, Annecy, France)

15:30-16:30 **String theory phenomenology**

Irene Valenzuela (CERN & IFT Madrid)

16:30-17:30 **String theory phenomenology**

Irene Valenzuela (CERN & IFT Madrid)

Saturday, September 09

10:00-13:30 [Outreach workshop](#)

Jesús Puerta Pelayo (CIEMAT, Madrid, Spain)

11:00-11:30 **Coffee break**

Monday, September 11

09:00-10:00 **Machine Learning**

Stefano Carrazza (CERN, Switzerland)

10:00-11:00 **Neutrino physics**

Mariam Tórtola (IFIC, Valencia, Spain)/ Clara Cuesta (CIEMAT, Madrid, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Neutrino physics**

Mariam Tórtola (IFIC, Valencia, Spain)/ Clara Cuesta (CIEMAT, Madrid, Spain)

12:30-13:30 **Cosmic strings and topological defects in cosmology**

Jose Juan Blanco Pillado (UPV/EHU)

15:30-16:30 **Cosmic strings and topological defects in cosmology**

Jose Juan Blanco Pillado (UPV/EHU)

16:30-17:30 **Neutrino physics (Tutorial)**

Mariam Tórtola (IFIC, Valencia, Spain)/ Clara Cuesta (CIEMAT, Madrid, Spain)

Tuesday, September 12

09:00-10:00 **Machine Learning**

Stefano Carrazza (CERN, Switzerland)

10:00-11:00 **Neutrino physics**

Mariam Tórtola (IFIC, Valencia, Spain)/ Clara Cuesta (CIEMAT, Madrid, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Neutrino physics**

Mariam Tórtola (IFIC, Valencia, Spain)/ Clara Cuesta (CIEMAT, Madrid, Spain)

12:30-13:30 **Gravitational waves**

Alicia Sintés (U. Illes Balears, Spain)

15:30-16:30 **Gravitational waves**

Alicia Sintés (U. Illes Balears, Spain)

16:30-17:30 **Poster prix**

Wednesday, September 13

09:00-10:00 **Dark Matter**

María Martínez (CAPA, U. Zaragoza, Spain)

10:00-11:00 **Quantum technologies**

Gemma Rius (CNM, Barcelona, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Quantum technologies**

Gemma Rius (CNM, Barcelona, Spain)

12:30-13:30 **Lattice**

Feliciano de Soto (Univ. Pablo Olavide, Sevilla, Spain)

15:30-16:30 **Lattice**

Feliciano de Soto (Univ. Pablo Olavide, Sevilla, Spain)

16:30-17:30 **Dark Matter (Tutorial)**

María Martínez (CAPA, U. Zaragoza, Spain)

Thursday, September 14

09:00-10:00 **Future detectors**

Ivan Vila (IFCA, CSIC, Santander, Spain)

10:00-11:00 **Future detectors**

Ivan Vila (IFCA, CSIC, Santander, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Dark Matter**

María Martínez (CAPA, U. Zaragoza, Spain)

12:30-13:30 **Dark Matter**

María Martínez (CAPA, U. Zaragoza, Spain)

15:30-16:30 **Cosmology**

Jacobo Asorey (IPARCOS, U. Complutense, Madrid, Spain)

16:30-17:30 **Cosmology**

Jacobo Asorey (IPARCOS, U. Complutense, Madrid, Spain)

Friday, September 15

09:00-10:00 **Axions**

Maurizio Giannotti (CAPA, U. Zaragoza, Spain)

10:00-11:00 **Axions**

Maurizio Giannotti (CAPA, U. Zaragoza, Spain)

11:00-11:30 **Coffee break**

11:30-12:30 **Flavour / LHCb**

Jeremy Peter Dalseno (IGFAE, U.Santiago de Compostela)

12:30-13:30 **Flavour / LHCb**

Jeremy Peter Dalseno (IGFAE, U. Santiago de Compostela)

15:30-16:30 **Cosmology**

Jacobo Asorey (IPARCOS, U. Complutense, Madrid, Spain)

16:30-17:30 **Cosmology**

Jacobo Asorey (IPARCOS, U. Complutense, Madrid, Spain)