

Session Program

3-7 Jun 2019



Planck 2019

Plenary

Parque de las Ciencias
Av. de la Ciencia s/n, 18006 Granada

Monday 3 June

09:30

Plenary

Session | Location: Auditorio

09:30–10:00 **Effective field theories for physics at the LHC**

Speaker

Jorge de Blas

10:00–10:30 **Correlating lepton observables**

Speaker

Michele Frigerio

10:30–11:00 **Theoretical Particle Physics: the challenges ahead**

Speaker

Veronica Sanz

11:00

11:30

Plenary

Session | Location: Auditorio

11:30–12:00 **Higgsino DM from natural susy**

Speaker

Antonio Delgado

12:00–12:30 **Unification of Flavor, CP and Modular Symmetries**

Speaker

Hans Peter Nilles

12:30–13:00 **UV Completion on the Worldline**

Speaker

Steven Abel

13:00

Tuesday 4 June

09:00

Plenary

Session | Location: Auditorio

09:00–09:30 **B anomalies at LHCb**

Speaker

Eugeni Grauges

09:30–10:00 **From B anomalies to flavoured searches at the LHC**

Speaker

Jorge Martin Camalich

10:00–10:30 **Explaining the Flavour Anomalies**

Speaker

Andreas Crivellin

10:30–11:00 **On axions and ALPs**

Speaker

Belen Gavela

11:00

11:30

Plenary

Session | Location: Auditorio

11:30–12:00 **The Supercooled Universe**

Speaker

Alex Pomarol

12:00–12:30 **Mapping the scalar sector with colliders and gravitational waves**

Speaker

Michael Spannowsky

12:30–13:00 **UV complete chiral Froggatt-Nielsen models**

Speaker

Emilian Dudas

13:00

Wednesday 5 June

09:00

Plenary

Session | **Location:** Auditorio

09:00–09:30 **Searches for BSM Physics in ATLAS and CMS**

Speaker

Mario Martinez-Perez

09:30–10:00

Constraints on new physics from Higgs physics, EWPO, vacuum stability and inflation

Speaker

Georg Weiglein

10:00–10:30

Relating the neutrino scale to the Planck scale

Speaker

Alejandro Ibarra

10:30–11:00

Phenomenology of warped dimensions

Speaker

Mariano Quiros

11:00

11:30

Plenary

Session | **Location:** Auditorio

11:30–12:00 **Scale Hierarchies and supersymmetric cosmology**

Speaker

Ignatios Antoniadis

12:00–12:30

Transplanckian axion monodromy and the swampland

Speaker

Angel Uranga

12:30–13:00

Primordial black holes: formation and astrophysical consequences

Speaker

Alexander Kusenko

13:00

Thursday 6 June

09:00

Plenary

Session | **Location:** Auditorio

09:00–09:30 **Flavor physics at Belle II**

Speaker

Pablo Goldenzweig

09:30–10:00 **Inflation and the Higgs**

Speaker

Antonio Riotto

10:00–10:30

Interacting Dark Matter and the Sommerfeld enhancement at finite temperature

Speaker

Laura Covi

10:30–11:00 **New IR physics and 21 cm connection**

Speaker

Maxim Pospelov

11:00

11:30

Plenary

Session | **Location:** Auditorio

11:30–12:00 **What will the future colliders know about the Higgs?**

Speaker

Christophe Grojean

12:00–12:30 **Neutrino Masses and Modular Invariance**

Speaker

Ferruccio Feruglio

12:30–13:00 **Detecting Magnetic Dark Matter**

Speaker

John Terning

13:00

Friday 7 June

09:30

Plenary

Session | Location: Auditorio

09:30–10:00 **New Physics Opportunities in Higgs Searches**

Speaker

Marcela Carena

10:00–10:30 **Pseudo-Goldstone dark matter**

Speaker

Oleg Lebedev

10:30–11:00 **Reflections on Low Energy Supersymmetry**

Speaker

Carlos Wagner

11:00

11:30

Plenary

Session | Location: Auditorio

11:30–12:00 **Moduli, the Swampland and Holography**

Speaker

Joseph Conlon

12:00–12:30 **Partially Composite Supersymmetry**

Speaker

Tony Gherghetta

12:30–13:00 **Flavour Anomalies**

Speaker

Antonio Pich

13:30