

Session Program

Jun 3 - 7, 2019



Planck 2019

Plenary

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

Mon, June 3

9:30 AM

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 AM

11:30 AM

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

1:00 PM

Tue, June 4

9:00 AM

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 AM

11:30 AM

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

1:00 PM

Wed, June 5

9:00 AM

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 AM

11:30 AM

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

1:00 PM

Thu, June 6

9:00 AM

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 AM

11:30 AM

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

1:00 PM

Fri, June 7

9:30 AM

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 AM

11:30 AM

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

1:30 PM