

Session Program

10-14 Jun 2024



SUSY24: The 31st International Conference on Supersymmetry and Unification of Fundamental Interactions

Plenaries

IFT (Madrid, Spain)

Instituto de Física Teórica / Institute of Theoretical Physics (Madrid, Spain) website: <https://www.ift.uam-csic.es/en>

Monday 10 June

10:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Sven Heinemeyer

10:00–10:30 **SUSY: Where are we**

Speaker

Stephen Frederick King

11:00

10:30–11:00 **SM (including top quark) measurements at LHC**

Speaker

James Ferrando

11:30

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Karl Jakobs

11:30–12:00 **SUSY searches at ATLAS**

Speaker

Joaquin Hoya

12:30

12:00–12:30 **SUSY searches at CMS**

Speaker

Malgorzata Kazana

14:30

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Jesus M. Moreno

14:30–15:00 **Entanglement and collider physics**

Speaker

Alan Barr

15:00

Tuesday 11 June

10:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Dr Ernesto Arganda

10:00–10:30

Measurements on SM Higgs at ATLAS and CMS

Speaker

Javier Cuevas

11:00

10:30–11:00

Searches for non-SM Higgs at CMS

Speaker

Alexis Kalogeropoulos

11:30

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Maria Cepeda

11:30–12:00

Searches for non-SM Higgs at ATLAS

Speaker

Weitao Wang

12:30

12:00–12:30

BSM Higgs physics - theory

Speaker

Georg Ralf Weiglein

14:30

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Werner Porod

14:30–15:00

Status of Flavour Physics and Anomalies

Speaker

Wolfgang Altmannshofer

15:00

Wednesday 12 June

10:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Herbi Dreiner**10:00–10:30 Overview: direct DM searches****Speaker**

Wolfgang Rau

10:30–11:00 Overview: indirect DM searches**Speaker**

Prof. Michele Doro

11:00–11:30 Theory: DM theo/pheno/ALPS**Speaker**

Riccardo Catena

11:30

12:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Emanuele Angelo Bagnaschi**12:00–12:30 Exotics at CMS****Speaker**

Eirini Tziaferi

12:30–13:00 Exotics at ATLAS**Speaker**

Audrey Katherine Kvam

13:00

Thursday 13 June

10:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Howard Haber

10:00–10:30

Quantum technologies for fundamental physics

Speaker

Diego Blas

11:00

10:30–11:00

FOEWPT in the early universe

Speaker

Michael Ramsey-Musolf

11:30

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Luca Merlo

11:30–12:00

Neutrino physics

Speaker

Prof. Concepcion Gonzalez-Garcia

12:30

12:00–12:30

Gravitational waves

Speaker

Bruce Allen

14:30

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Sachiko Kuroyanagi

14:30–15:00

Highlights in Cosmology

Speaker

Dr Vivian Poulin

15:00

Friday 14 June

15:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Georg Ralf Weiglein

15:00–15:30

Beyond the Standard Model Physics at colliders

Speaker

Benjamin Fuks

15:30–16:00

(g-2)_μ theory status

Speaker

Gilberto Colangelo

16:00–16:30

SUSY in Future Experiments

Speaker

Jenny List

16:30

17:00

Plenaries

Session | **Location:** Salón de Actos | **Convener:** Sven Heinemeyer

17:00–17:30

Swampland: review and phenomenological implications

Speaker

Alvaro Herrera Escudero

17:30–18:00

What comes beyond the Standard Model?

Speaker

Carlos Wagner

18:00–18:05

SUSY 2025 announcement

Speaker

Howard Haber

18:05–18:10

Farewell

Speaker

Sven Heinemeyer

18:10