

Session Program

27 June 2022 to 1 July 2022

FLASY 2022 - 9th Workshop on Flavour Symmetries and Consequences in Accelerators and Cosmology

Afternoon Session

Instituto Superior Técnico, Lisbon, Portugal, IST Congress Centre
Av. Rovisco Pais, 1 Lisbon

Monday 27 June

14:30

Afternoon Session

Session | **Location:** Instituto Superior Técnico, Lisbon, Portugal, IST Congress Centre, Av. Rovisco Pais, 1 Lisbon | **Convener:** Marc Sher

14:30–15:00

Revisiting puzzles in lifetimes of single charmed hadrons

Speaker

Blaženka Melić

15:00–15:30

Heavy neutral leptons as long-lived particles

Speaker

Martin Hirsch

15:30–16:00

$B^0 B^0/\bar{B}^0$ entanglement for an ideal experiment on the direct CP violation gamma phase

Speaker

Francisco J. Botella

16:00

16:30

Afternoon Session

Session | **Location:** Instituto Superior Técnico, Lisbon, Portugal, IST Congress Centre, Av. Rovisco Pais, 1 Lisbon | **Convener:** Mariam Tórtola

16:30–17:00

Elusive signals with anomaly detection

Speaker

Juan Antonio Aguilar Saavedra

17:00–17:30

Status of the $R(D^{(*)})$ anomaly and complementary LHC probes

Speaker

Monika Blanke

17:30–18:00

On the interplay between flavour anomalies and neutrino properties

Speaker

António Morais

18:00–18:30

$(g-2)$ and lepton flavor violation in low scale flavor symmetries

Speaker

Oscar Manuel Vives Garcia

18:30

Tuesday 28 June

14:30

Afternoon Session

Session | **Location:** Instituto Superior Técnico, Lisbon, Portugal, IST Congress Centre, Av. Rovisco Pais, 1 Lisbon |
Convener: Blazenka Melic

14:30–15:00

Questioning New Physics in Rare Semileptonic B, D, and K decays

Speaker

Svjetlana Fajfer

15:00–15:30

Semi-dark Higgs decays: sweeping the Higgs neutrino floor

Speaker

Jose Miguel No

15:30–16:00

Two component dark matter models: combined particle physics and cosmological approach

Speaker

Myriam Mondragón

16:00

Thursday 30 June

14:30

Afternoon Session

Session | **Location:** Instituto Superior Técnico, Lisbon, Portugal, IST Congress Centre, Av. Rovisco Pais, 1 Lisbon |
Convener: Sijetlana Fajfer

14:30–15:00

Beyond Jarlskog: Playing with Flavor Invariants

Speaker

Christophe Grojean

15:00–15:30

New Physics in Yukawa Couplings with Flavour Symmetries

Speaker

Luca Merlo

15:30–16:00

Flavour symmetries in the SMEFT

Speaker

Ilaria Brivio

16:00

Friday 1 July

14:30

Afternoon Session

Session | **Location:** Instituto Superior Técnico, Lisbon, Portugal, IST Congress Centre, Av. Rovisco Pais, 1 Lisbon | **Convener:** Jose Valle

14:30–15:00 **Universal inverse seesaw and radiative neutrino masses**

Speaker
Antonio Enrique Cárcamo Hernández

15:00–15:30 **Kaon and B-meson decays with neutrino pairs**

Speaker
German Valencia

15:30