

Session Program

10-14 Jun 2024



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

Joint Session: Flavour/Neutrinos/Dark Matter

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

Thursday 13 June

15:05

Joint Session: Flavour/Neutrinos/Dark Matter

Session | Location: Sala Gris II

15:05–15:25 **MicroBooNE's Beyond Standard Model Physics Program**

Speaker

José I. Crespo-Anadón

15:25–15:45 **Status of the Short-Baseline Near Detector at Fermilab**

Speaker

Ines Gil Botella

15:45–16:05 **New Physics Results from the FASER Experiment**

Speaker

Margaret Lutz

16:05–16:25 **Latest results from the NA64 experiment**

Speaker

Mirald Tuzi

16:25–16:45

Recent Dark Matter searches at BaBar and implications on some SUSY models

Speaker

Gabriele Simi

16:45

17:10

Joint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour/Neutrinos/Dark Matter

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17:10–17:30

Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment

Speaker

Cristina Biino

17:30–17:50

New results for searches of exotic decays with NA62 in beam-dump mode

Speaker

Tomas Blazek

17:50–18:10 **Dark linear seesaw mechanism**

Speaker

Henrique Brito Câmara

18:10

Friday 14 June

12:00

Joint Session: Flavour/Neutrinos/Dark Matter

Session | Location: Sala Gris II

12:00–12:20 **Axion paradigm with "coloured" neutrino masses**

Speaker

Aditya Batra

12:20–12:40 **Singlet-triplet scotogenic model and fermionic dark matter**

Speaker

Anirban Karan

12:40–13:00

Boosting the production of sterile neutrino dark matter with self-interactions

Speaker

Maria Isabel Dias Astros

13:20