#### **Session Program**

17-21 Jul 2023



## **SUSY 2023**

# Flavour physics: Theory and Experiment

University of Southampton Highfield Campus, Building 100, Highfield Campus Website : https://www.southampton.ac.uk/student-life/campuses/highfield

# Tuesday 18 July

16:00-16:20	A multi-scale origin for flavor
<b>Speaker</b> Javier M. Lizan	
16:20-16:40	CP Violation in Rare B Decays as a Window to New Physics
<b>Speaker</b> Anders Rehult	
16:40-17:00	Recent results on \$B\$ semileptonic decays from Belle and Belle II
<b>Speaker</b> Youngjoon Kwo	on
17:00-17:20	
<b>Right hand</b>	ed sneutrino effect on the \$b \to c l \bar\nu_l\$ decays anomalies
<b>Speakers</b> Dr Dris Boubaa	a, Dris Boubaa
Flavour p	hysics: Theory and Experiment ation: B100/3023
Flavour p Session   Loc 17:40-18:00	hysics: Theory and Experiment ation: B100/3023
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### Wednesday 19 July

Session   Loca	ation: B100/3023
16:00-16:20	Littlest modular seesaw
<b>Speaker</b> Miguel Levy	
16:20-16:40	Neutrino Mixing Sum Rules Revisited
<b>Speaker</b> Francesco Cost	a
16:40-17:00	Dark Sectors and MiniBooNE Low Energy Excess
<b>Speaker</b> Jaime Hoefken	Zink
17:00-17:20	A Direct Detection View of the Neutrino NSI Landscape
Speaker	
Dorian Amaral	
Flavour pl	nysics: Theory and Experiment ation: B100/3023
Flavour pl Session   Loca 17:40-18:00 Speaker Xabier Marcano	What do we learn from HNL collider searches?
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# Friday 21 July

14:00-14:20	Flavour non-universality vs Naturalness
<b>Speaker</b> Joe Davighi	
14:20-14:40	Tri-hypercharge: a path to the origin of flavour
<b>Speaker</b> Mario Fernando	ez Navarro
14:40-15:00	Revisiting Froggatt-Nielsen Mechanism
<b>Speaker</b> Keiichi WATANA	ABE
15:00-15:20	Fermion masses and leptogenesis in SO(10)
<b>Speaker</b> LUCA MARSILI	
15:20-15:40	The implication of Yukawa unification in SO(10) GUTs
<b>Speaker</b> Mr Ruiwen Ouy	ang