#### **Session Program**

10-14 Jun 2024



Madrid 10-14 June 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.uamcsic.es/en

## Thursday 13 June

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         15:45-16:05       New Physics Results from the FASER Experiment         Speaker Margaret Lutz       16:05-16:25         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         Ioint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter         Speasion   Location: Sala Gris II         17:10-17:30         Searches for LF/LN violation and hidden sectors in kaon decays at the NA62		MicroBooNE/a Boyand Standard Madel Dhysics Dreaven
José I. Crespo-Anadón	15:05-15:25	MicroBooNE's Beyond Standard Model Physics Program
15:25-15:45       Status of the Short-Baseline Near Detector at Fermilab         Speaker       Inse 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         10:11 Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour         Neutrinos/Dark Matter         Session   Location: Sala Gris II         17:10-17:30         Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment         Speaker         cristina Blino         17:30-17:50         New results for searches of exotic decays with NA62 in beam-dump mode         Speaker         Cristina Blino		nadón
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         Ioint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter         Session   Location: Sala Gris II         17:10-17:30         Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment         Speaker Cristina Blino         17:30-17:50         New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek		
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  Ooint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II  17:10-17:30 Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment Speaker Cristina Blino  17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	15:25-15:45	Status of the Short-Baseline Near Detector at Fermilab
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 Coint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II 17:10-17:30 Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment Speaker Cristina Blino 17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek		
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         Ioint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter         Session   Location: Sala Gris II         17:10-17:30         Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment         Speaker Cristina Blino         17:30-17:50         New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek		
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  Ioint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II  17:10-17:30 Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment Speaker Cristina Blino  17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	15:45-16:05	New Physics Results from the FASER Experiment
16:05-16:25       Latest results from the NA64 experiment         Speaker Mirald Tuzi       Mirald Tuzi         16:25-16:45       Recent Dark Matter searches at BaBar and implications on some SUSY models         Speaker Gabriele Simi       Speaker         Ioint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter         Session       Location: Sala Gris II         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		
Speaker Mirald Tuzi 16:25-16:45 Recent Dark Matter searches at BaBar and implications on some SUSY models Speaker Gabriele Simi loint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II 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	Margaret Lutz	
Mirald Tuzi 16:25-16:45 Recent Dark Matter searches at BaBar and implications on some SUSY models Speaker Gabriele Simi Ooint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II 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	16:05-16:25	Latest results from the NA64 experiment
16:25-16:45 Recent Dark Matter searches at BaBar and implications on some SUSY models Speaker Gabriele Simi point Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II 17:10-17:30 Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment Speaker Cristina Bilino 17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	Speaker	
Recent Dark Matter searches at BaBar and implications on some SUSY models Speaker Gabriele Simi Coint Session: Flavour/Neutrinos/Dark Matter: Joint Session: Flavour Neutrinos/Dark Matter Session   Location: Sala Gris II 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	Mirald Tuzi	
Neutrinos/Dark Matter Session   Location: Sala Gris II 17:10-17:30 Searches for LF/LN violation and hidden sectors in kaon decays at the NA62 experiment Speaker Cristina Bilno 17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	•	
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	Gabriele Simi	on: Flavour/Neutrinos/Dark Matter: loint Session: Flavour
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	Gabriele Simi	
experiment Speaker Cristina Biino 17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/	Dark Matter
Speaker Cristina Biino 17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca	Dark Matter
Cristina Blino 17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo	<b>Dark Matter</b> tion: Sala Gris II
17:30-17:50 New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment	<b>Dark Matter</b> tion: Sala Gris II
New results for searches of exotic decays with NA62 in beam-dump mode Speaker Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker	<b>Dark Matter</b> tion: Sala Gris II
Speaker Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker	<b>Dark Matter</b> tion: Sala Gris II
Tomas Blazek	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker Cristina Biino 17:30-17:50	TDark Matter tion: Sala Gris II r LF/LN violation and hidden sectors in kaon decays at the NA62
17:50-18:10 Dark linear seesaw mechanism	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker Cristina Biino 17:30-17:50 New results	TDark Matter tion: Sala Gris II r LF/LN violation and hidden sectors in kaon decays at the NA62
17:50-18:10 Dark linear seesaw mechanism	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker Cristina Biino 17:30-17:50 New results Speaker	TDark Matter tion: Sala Gris II r LF/LN violation and hidden sectors in kaon decays at the NA62
	Gabriele Simi Joint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker Cristina Biino 17:30-17:50 New results Speaker	TDark Matter tion: Sala Gris II r LF/LN violation and hidden sectors in kaon decays at the NA62
	Gabriele Simi oint Sessi Neutrinos/ Session   Loca 17:10-17:30 Searches fo experiment Speaker Cristina Biino 17:30-17:50 New results Speaker Tomas Blazek	Tork Matter tion: Sala Gris II r LF/LN violation and hidden sectors in kaon decays at the NA62 for searches of exotic decays with NA62 in beam-dump mode

### Friday 14 June

