



# 2024 Belle II Physics Week

## Monday, 14 October 2024

### Workshop on taus and dark sectors - Kobayashi Hall (13:25 - 18:55)

-Conveners: Torben Ferber; Emilie Passemar; Laura Zani

time	[id] title	presenter
13:25	[16] Opportunities for testing the Standard Model with Tau leptonic decays at Belle II	ROIG GARCÉS, Pablo
14:05	[19] LFV in tau decays and possibility for new mediators: complementarity of tau and muon	CALIBBI, Lorenzo
14:45	[17] Mesogenesis: Signals of Baryogenesis at B-Factories	ELOR, Gilly
15:25	Coffee break	
15:55	[18] Dark sector search with hadrons	KOHSAKU, Tobioka
16:35	[20] Prospects on the magnetic(electric) moment of the tau and polarized beams	HOFERICHTER, Martin

# Tuesday, 15 October 2024

## Workshop on taus and dark sectors - Kobayashi Hall (13:30 - 17:30)

-Conveners: Laura Zani; Torben Ferber; Emilie Passemar

time	[id] title	presenter
13:30	[21] Testing SM through precise measurements of hadronic tau decays at Belle II	ROIG GARCÉS, Pablo
14:10	[22] Lattice QCD results and tau measurements exchange: important inputs for precision tests	BRUNO, Mattia
14:50	[23] Dark sector searches with leptons	GORI, Stefania
15:30	Coffee break	
16:00	[24] Statistical analysis and interpretation of flavour anomalies	NAZILA, Mahmoudi
16:40	[36] Recasting hadron collider searches containing neural networks: Experiences and suggestions	PROCTER, Tomasz

# Wednesday, 16 October 2024

## Workshop on taus and dark sectors - Kobayashi Hall (13:30 - 18:00)

-Conveners: **Torben Ferber; Laura Zani; Emilie Passemar**

time	[id] title	presenter
13:30	[15] State of the art statistics: pyhf	STARK, Giordon
14:10	[27] Challenging BSM search with taus	ZUPAN, Jure
14:50	[26] Dark Matter, Baryogenesis, & Naturalness at Belle II	MCGEHEE, Robert
15:30	Coffee break	
16:00	[25] Lepton Flavour Violation at Belle II	ARDU, Marco
16:40	[28] Efficient reinterpretation with model agnostic likelihoods	GAERTNER, Lorenz Ennio
17:20	[29] Global view on DS searches	BIEKOETTER, Anke

# Thursday, 17 October 2024

## Workshop on taus and dark sectors - Kobayashi Hall (13:25 - 17:00)

-Conveners: **Torben Ferber; Laura Zani; Emilie Passemar**

time	[id] title	presenter
13:30	[30] Testing SM through precise measurements - summary and panel discussion	PASSEMAR, Emilie
14:10	[33] non-vanilla dark sector- summary and panel discussion	KRNJAIC, Gordan
14:50	Coffee break	
15:20	[32] Beyond SM searches with taus -summary and panel discussion	SUMENSARI, Olcyr
16:00	[34] Statistical analysis, interpretation and recasting - summary and panel discussion	FERBER, Torben