



# The 4th NPKI Workshop, "Searching for New Physics on the Horizon"

## Monday 13 May 2019

**Morning Session 1 - B1, Global Conference Room (09:30-10:30)**

time	[id] title	presenter
10:00	[3] Luminous Signals of Inelastic Dark Matter in Large Detectors	FOX, Patrick James

# Tuesday 14 May 2019

## Morning Session 1 - B1, Global Conference Room (09:30-10:30)

time	[id] title	presenter
09:30	[11] Searches for light scalars at the LHC	JUSTE ROZAS, Aurelio
10:00	[12] Electroweak Baryogenesis Driven by an Axion-Like Particle	SHIN, Chang Sub

# Wednesday 15 May 2019

## Morning Session 1 - B1, Global Conference Room (09:30-10:30)

time	[id] title	presenter
09:30	[20] New Approaches to Naturalness	HOOK, Anson
10:00	[21] Learning New Physics from a Machine	DAGNOLO, Raffaele Tito

# Thursday 16 May 2019

## Morning Session 1 - B1, Global Conference Room (09:30-10:30)

time	[id] title	presenter
09:30	[24] Using Quantum Information Techniques for New Physics Searches	OZERI, Roee
10:00	[25] EFT approach to the electron Electric Dipole Moment at the two-loop level	RIEMBAU, Marc

# Friday 17 May 2019

## Morning Session 1 - B1, Global Conference Room (09:30-10:30)

time	[id] title	presenter
09:30	[38] Searching for Dark Photon Dark Matter with Gravitational Wave Detectors, with LIGO-O1 data and beyond	Prof. ZHAO, Yue
10:00	[34] Hunting relaxions and light scalars at future colliders	FUCHS, Elina