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Carlos Vázquez Sierra (IGFAE/USC) on behalf of the organizing committee

ATLAS, CMS, LHCb, Belle II, BES III overview talks,

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Dedicated ATLAS (5), CMS (10), LHCb (1) talks,

ATLAS, CMS, LHCb, Belle II, BES III overview talks,

Dedicated ATLAS (5), CMS (10), LHCb (1) talks,

Dedicated long-lived particle detector talks (20) talks,

ATLAS, CMS, LHCb, Belle II, BES III overview talks,

Dedicated ATLAS (5), CMS (10), LHCb (1) talks,

Dedicated long-lived particle detector talks (20) talks,

Theory talks in various lightning topical blocks.

ATLAS, CMS, LHCb, Belle II, BES III overview talks,

Dedicated ATLAS (5), CMS (10), LHCb (1) talks,

Dedicated long-lived particle detector talks (20) talks,

Theory talks in various lightning topical blocks.



Monday (月)

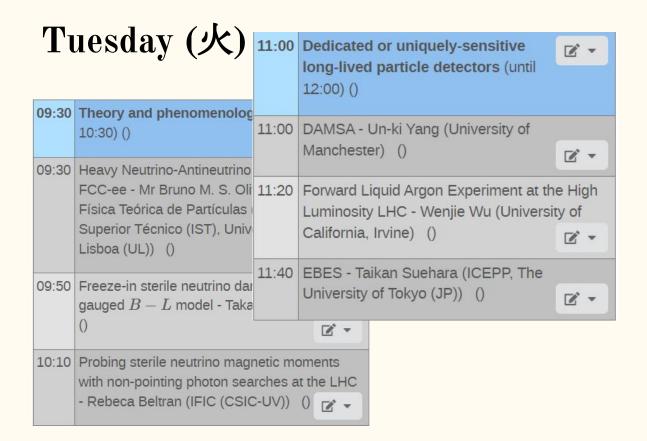
10:00	Overview of ATLAS results - Hideyuki C (KEK (JP)) ()	pide ∠
10:30	Overview of CMS results - Andre Frank (Princeton University (US)) ()	enthal
11:00	Overview of LHCb results - Andrii Usacl (Nikhef and VU (NL)) ()	nov
11:30	Breaks (until 11:50) ()	6. •
11:50	Overviews (until 12:50) ()	Z -
11:50	Overview of BES-III results - Yu Zhang	
	(University of South China) ()	€ •
12:20	Searches for dark sector particles at Be Belle II - Ori Fogel (Tel Aviv University)	
		☑ →

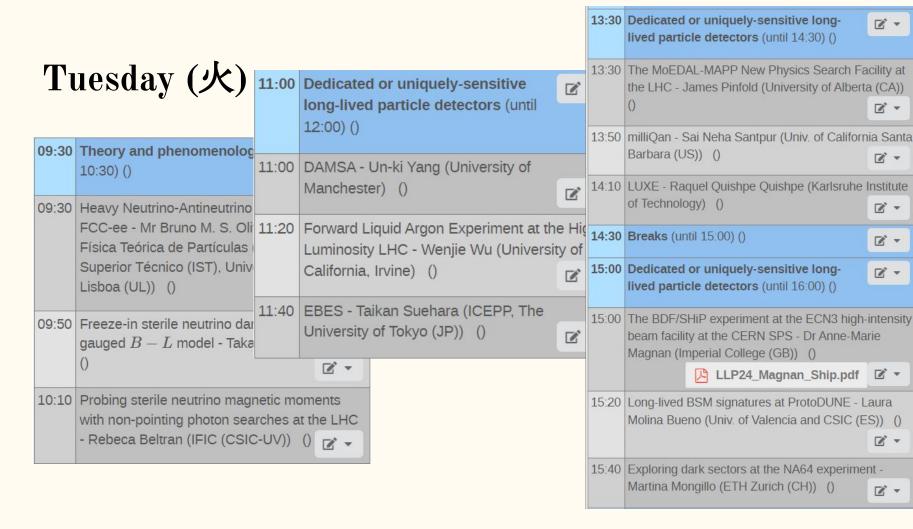
Monday (月) 14:30 Dedicated or uniquely-sensitive long-lived particle detectors (until 15:50) () 10:00 Overview of ATLAS results - Hideyuki Oide 14:30 COmpact DEtector for EXotics at LHCb: (KEK (JP)) () CODEX-b - Jake Pfaller Jake Pfaller (University of Cincinnati (US)) () 10:30 Overview of CMS results - Andre Frankenth 10° × (Princeton University (US)) () 14:50 SUBMET - Mr Hoyong Jeong (Korea University (KR)) () 11:00 Overview of LHCb results - Andrii Usachov (V (Nikhef and VU (NL)) () 15:10 MATHUSLA - Erez Etzion (Tel Aviv University (IL)) () 11:30 Breaks (until 11:50) () MATHUSLA-LLP2024-Etzion 11:50 Overviews (until 12:50) () 15:30 ANUBIS: Initial commissioning results from proANUBIS - Paul Nathaniel Swallow 11:50 Overview of BES-III results - Yu Zhang (University of Cambridge (GB)) () 10° × (University of South China) () 12:20 Searches for dark sector particles at Belle and Belle II - Ori Fogel (Tel Aviv University) () Ø ▼

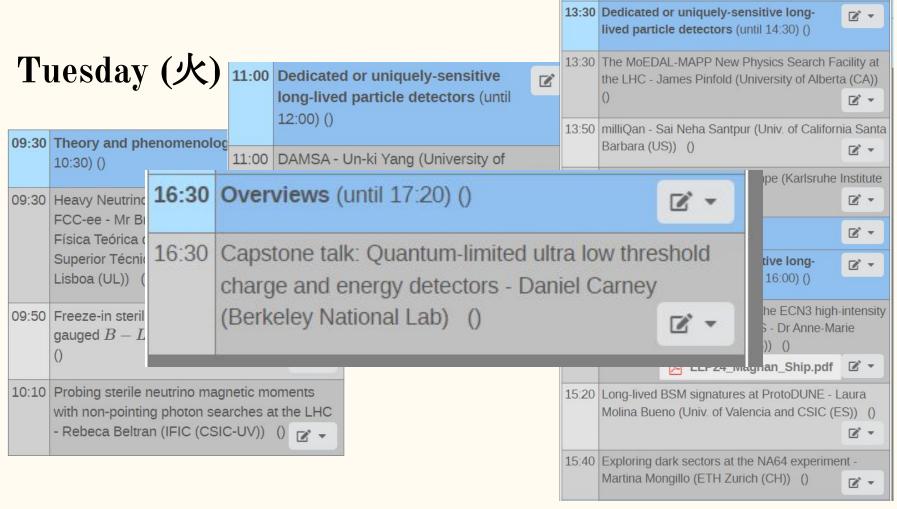
Monday (月) 14:30 Dedicated or uniquely-sensitive long-lived particle detectors (until 15:50) () 10:00 Overview of ATLAS results - Hideyuki Oide 14:30 COmpact DEtector for EXotics at LHCb 16:20 Theory and phenomenology (until E -(KEK (JP)) () CODEX-b - Jake Pfaller Jake Pfaller (U 17:40) () of Cincinnati (US)) () 10:30 Overview of CMS results - Andre Frankenth 16:20 Simplified t-channel dark matter models and (Princeton University (US)) () long-lived particles - Dipan Sengupta 14:50 SUBMET - Mr Hoyong Jeong (Korea Ui (University of New South Wales, Sydney, (KR)) () 11:00 Overview of LHCb results - Andrii Usachov Australia) () [-(Nikhef and VU (NL)) () 15:10 MATHUSLA - Erez Etzion (Tel Aviv Univ 16:40 Dark Showers with the Z-portal - Hsin-Chia (IL)) () 11:30 Breaks (until 11:50) () Cheng () E -MATHUSLA-LLP2024-Etzion 11:50 Overviews (until 12:50) () 17:00 Confining Dark Sector and Long-lived Particle 15:30 ANUBIS: Initial commissioning results to Searches - Takumi Kuwahara () 10° proANUBIS - Paul Nathaniel Swallow 11:50 Overview of BES-III results - Yu Zhang (University of Cambridge (GB)) () 17:20 Future lepton beam dumps constraint on light (University of South China) () bosons with lepton flavor violating couplings -Kento Asai (Institute for Cosmic Ray Research, 12:20 Searches for dark sector particles at Belle and The University of Tokyo) () (V Belle II - Ori Fogel (Tel Aviv University) () Ø ▼

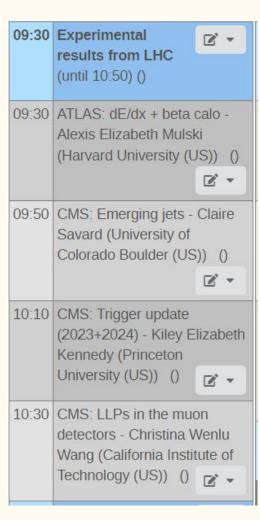
Tuesday (火)

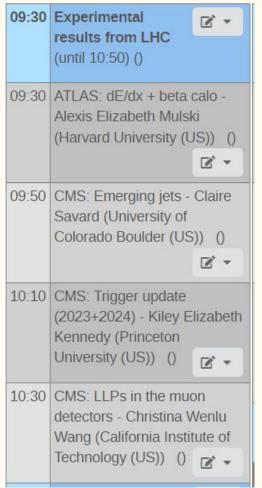
09:30	Theory and phenomenology (until 10:30) ()
09:30	Heavy Neutrino-Antineutrino Oscillations at the FCC-ee - Mr Bruno M. S. Oliveira (Centro de Física Teórica de Partículas (CFTP), Instituto Superior Técnico (IST), Universidade de Lisboa (UL)) ()
09:50	Freeze-in sterile neutrino dark matter in feeble gauged $B-L$ model - Takashi Shimomura ()
10:10	Probing sterile neutrino magnetic moments with non-pointing photon searches at the LHC - Rebeca Beltran (IFIC (CSIC-UV)) ()









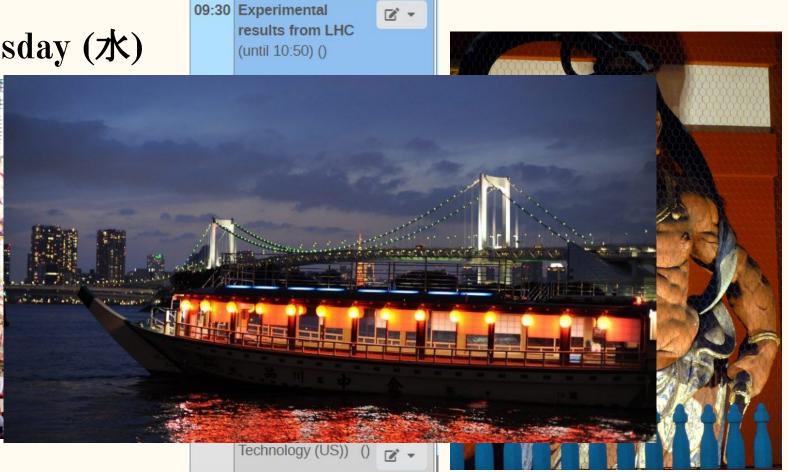


11:20	Theory and phenomenology (until 12:20) ()
11:20	Mediator Decay through mixing with Degenerate Spectrum - Ayuki Kamada ()
11:40	ANUBIS: Sensitivity studies with the SET-ANUBIS framework - Paul Nathaniel Swallow (University of Cambridge (GB)) ()
12:00	SModelS v3: Beyond Z_2 Topologies - Sabine Kraml ()

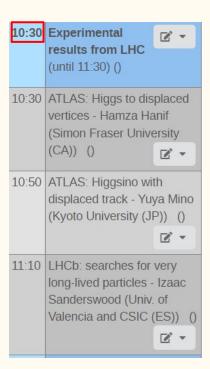
09:30 Experimental results from LHC (until 10:50) ()

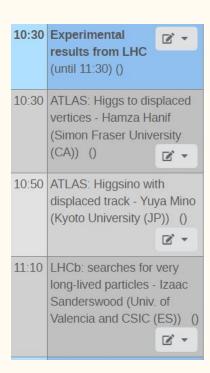




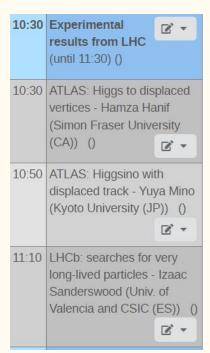








12:00	Experimental results from LHC (until 13:00) ()
12:00	CMS: HNLs in the muon system - Ka Hei Martin Kwok (Fermi National Accelerator Lab. (US)) ()
12:20	CMS: HNLs in the b-parking dataset - Anne-Mazarine Lyon (ETH Zurich (CH)) ()
12:40	CMS: HNLs in semi-leptonic final states - Mohamed Rashad Darwish (ENHEP Egyptian Network of High Energy Physics (EG)) ()



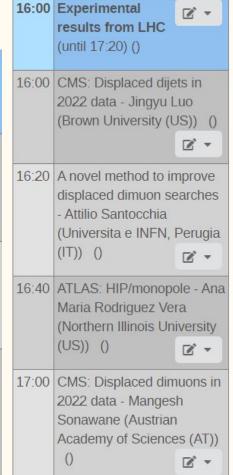


14:30	Experimental results from LHC (until 15:30) ()	Z +		
14:30	CMS: HSCP (dE/dx tracker) - Lawrence (University of Tenne (US)) ()	Lee Jr		
14:50	CMS: Displaced vertices with MET - Ang Li (Austrian Academy of Sciences (AT)) ()			
15:10	ATLAS: Displaced legists (dark photon jet Richards González University of Edinbu (GB)) ()	s) - (The		

10:30	Experimental results from LHC (until 11:30) ()
10:30	ATLAS: Higgs to displaced vertices - Hamza Hanif (Simon Fraser University (CA)) ()
10:50	ATLAS: Higgsino with displaced track - Yuya Mino (Kyoto University (JP)) ()
11:10	LHCb: searches for very long-lived particles - Izaac Sanderswood (Univ. of Valencia and CSIC (ES)) ()



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Friday (金)



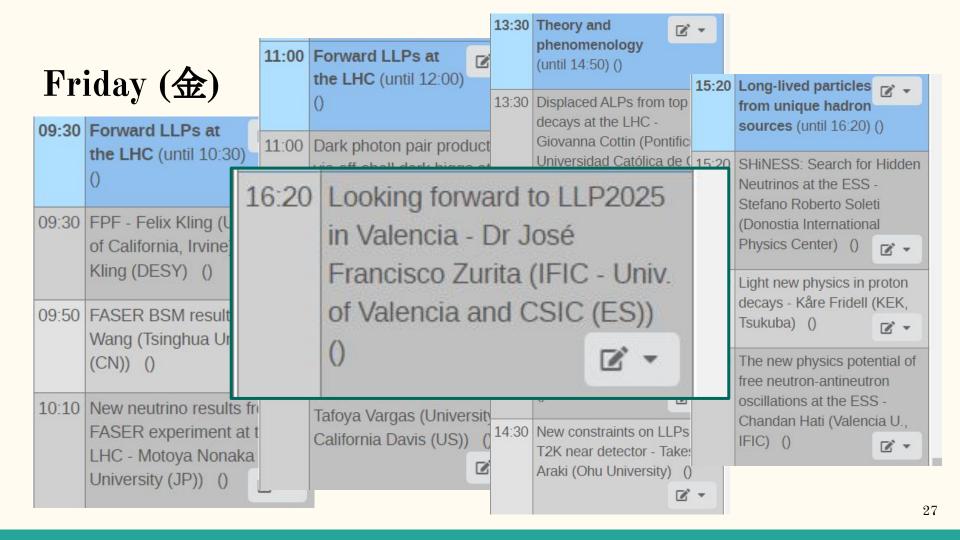
Friday (金)

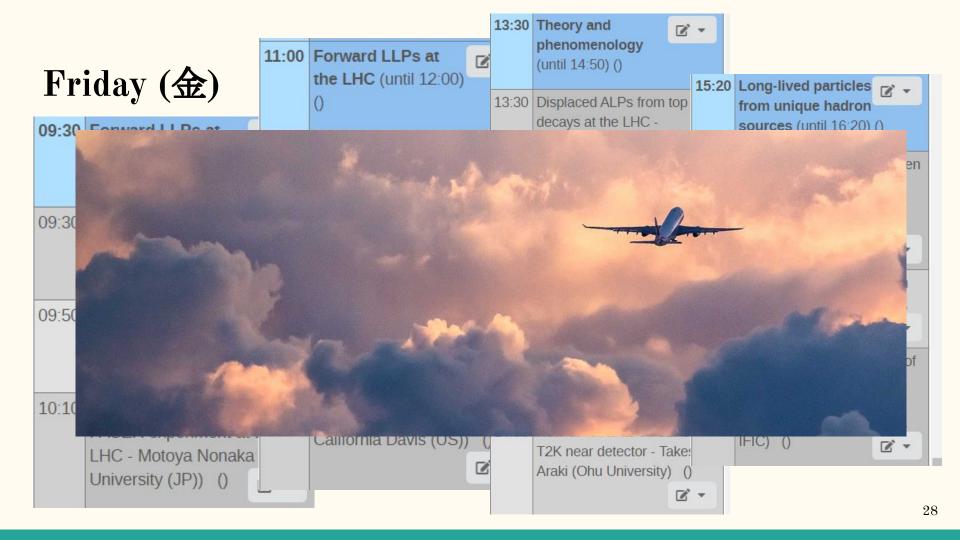
09:30	the LHC (until 10:30)
09:30	FPF - Felix Kling (University of California, Irvine) Fe Kling (DESY) ()
09:50	FASER BSM results - \\ Wang (Tsinghua Univer
10:10	New neutrino results for FASER experiment at t LHC - Motoya Nonaka University (JP)) ()

11:00 Forward LLPs at B + the LHC (until 12:00) 11:00 Dark photon pair production via off-shell dark higgs at FASER - Mr Youhei Nakashima (Kyushu University) () (· 11:20 Recent results from the SND@LHC experiment -Masahiro Komatsu (Nagoya University (JP)) () 11:40 FORMOSA - Juan Salvador Tafoya Vargas (University of California Davis (US)) () B +

13:30 Theory and E phenomenology 11:00 Forward LLPs at (until 14:50) () Friday (金) the LHC (until 12:00) Displaced ALPs from top 13:30 decays at the LHC -09:30 Forward LLPs at Giovanna Cottin (Pontificia 11:00 Dark photon pair product the LHC (until 10:30) Universidad Católica de Chile via off-shell dark higgs at (CL)) () 10° × FASER - Mr Youhei Nakashima (Kyushu 13:50 Precise Estimate of Charged 09:30 FPF - Felix Kling (Unive University) () Higgsino/Wino Decay Rate of California, Irvine) Fe Satoshi Shirai (Kavli IPMU) Kling (DESY) () 11:20 Recent results from the (+ SND@LHC experiment -09:50 FASER BSM results -14:10 Long-lived particle searches Masahiro Komatsu (Nago with the ILD experiment - Jan Wang (Tsinghua Univer University (JP)) () Franciszek Klamka (CN)) () (University of Warsaw (PL)) 11:40 FORMOSA - Juan Salvar [-10:10 New neutrino results fro Tafoya Vargas (University 14:30 New constraints on LLPs by FASER experiment at t California Davis (US)) T2K near detector - Takeshi LHC - Motoya Nonaka Araki (Ohu University) () University (JP)) () (V

				13:30		E -		
	iday (金)	11:00	Forward LLPs at the LHC (until 12:00)	13:30	phenomenology (until 14:50) () Displaced ALPs from to decays at the LHC -	15		Long-lived particles from unique hadron
09:30	Forward LLPs at the LHC (until 10:30)	11:00	Dark photon pair product via off-shell dark higgs at FASER - Mr Youhei		Giovanna Cottin (Ponti Universidad Católica de	0000	:20	SHINESS: Search for Hidden Neutrinos at the ESS - Stefano Roberto Soleti
09:30	FPF - Felix Kling (University of California, Irvine) Fe Kling (DESY) ()		Nakashima (Kyushu University) ()		Precise Estimate of Ch Higgsino/Wino Decay F Satoshi Shirai (Kavli IP	Ra		(Donostia International Physics Center) ()
09:50	FASER BSM results - \ Wang (Tsinghua Univer	11:20	Recent results from the SND@LHC experiment - Masahiro Komatsu (Nag University (JP)) ()	14:10		rch		Light new physics in proton decays - Kåre Fridell (KEK, Tsukuba) ()
10:10	(CN)) () New neutrino results from FASER experiment at the LHC - Motoya Nonaka		FORMOSA - Juan Salva Tafoya Vargas (Universit California Davis (US)) ((University of Warsaw ()	(PI		The new physics potential of free neutron-antineutron oscillations at the ESS - Chandan Hati (Valencia U., IFIC) ()
	University (JP)) ()					6 •		9





Many ideas, many new results, many new proposals.

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Dedicated detectors in good shape, demonstrators in installation/data-taking phase!

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The chase for the BSM long-lived particle is also a hot topic in other accelerator and facilities

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The chase for the BSM long-lived particle is also a hot topic in other accelerator and facilities – <u>not only at the LHC</u>.



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