

2024 European Edition of the International Workshop on the Circular Electron-Positron Collider, Marseille, FRANCE

lundi 8 avril 2024

Parallel B: Calorimetry 1 - Frioul (13:45 - 15:45)

-Présidents de session: Yong Liu; Roberto Ferrari; Mary-Crouz Fouz

time	[id] title	presenter
13:45	[99] CALICE calorimeters overview	LIU, Yong
14:09	[101] High-granularity crystal ECAL R&D activities and highlights	ZHAO, Zhiyu
14:33	[102] High-granularity scintillating glass HCAL R&D activities and highlights	QIAN, Sen
14:57	[103] ZOOM - Precision timing in Calorimeters	AKCHURIN, Nural
15:21	[105] ZOOM - IDEA dual-readout calorimetry	BRAGHIERI, Alessandro

Parallel B: Calorimetry 2 - Frioul (16:15 - 18:15)

-Présidents de session: Roberto Ferrari; Yong Liu; Mary-Cruz Fouz

time	[id] title	presenter
16:15	[106] ZOOM - Scintillators for calorimeters – Crystal Clear collaboration	AUFFRAY, Etienne
16:39	[107] LAr calorimeter for FCC-ee/FCC-hh	LI, Tong
17:03	[110] CMS calorimeters: performance, long term stability and calibration	MARZOCCHI, Badger
17:27	[104] Electronics for calorimetry	DE LA TAILLE, Christophe
17:51	[109] ECFA DRD6 overview	FERRARI, Roberto

mardi 9 avril 2024**Parallel B: DAQ & Electronics - Frioul (09:00 - 10:40)****-Présidents de session: Jean-Pierre Cachemiche; Zhen-An LIU**

time	[id] title	presenter
09:00	[119] The PCIe400 card (LHCb)	LANGOUËT, Julien
09:20	[120] Status of the CEPC Elec-DAQ studies for the Det Ref-TDR	WEI, Wei
09:40	[121] Embedded recurrent neural networks on FPGAs for the reconstruction of the energy deposited in the ATLAS LAr calorimeter	AAD, Georges
10:00	[123] Status of the wireless transmission for future collider	HU, Jun
10:20	[122] Discussion	

Parallel B: Tracking detectors - Frioul (11:10 - 12:50)**-Présidents de session: Marlon BARBERO; Zhijun Liang; Yiming Li**

time	[id] title	presenter
11:10	[124] LGAD based 4D outer tracker and time of flight	ZHAO, Mei
11:30	[125] Timing with Cactus	SCHWEMLING, Philippe
11:50	[126] CEPC silicon tracker developments	FOX, Harald
12:10	[127] AMS L0 Upgrade	XU, Zijun
12:30	[128] ZOOM - ALICE ITS3 & experience with stitched sensors	TILTMANN, Nicolas

Parallel B: Vertex detectors - Frioul (14:00 - 16:00)**-Présidents de session: Marlon BARBERO; Yiming Li; Zhijun Liang**

time	[id] title	presenter
14:00	[129] Obelix development for VTX (Belle 2 upgrade)	BOUDAGGA, Roua
14:20	[130] CEPC vertex detector status	WEI, Wei
14:40	[131] VELO Upgrade 2 plans and R&D	AKIBA, Kazu
15:00	[132] Developments in TPSc0 65 nm	Dr KUMAR, Ajit
15:20	[133] 28 nm electronics developments	MENOUNI, Mohsine
15:40	[134] ZOOM - ARCADIA project	MANDURRINO, Marco

Parallel B: Computing, Simulation & Performance - Frioul (16:30 - 18:30)**-Présidents de session: Manqi RUAN**

time	[id] title	presenter
16:30	[138] APRIL PFA for circular collider	PASQUIER, Tanguy
16:50	[136] ZOOM - Reconstruction algorithm development towards crystal bar ECAL	GUO, Fangyi
17:10	[137] Status and Progress of the CEPC Software	LIN, Tao
17:30	[135] Pattern recognition and Digitization studies of High Granularity Calorimeter	LIU, Yong

17:50	[139] First experience with LHCb GPU-based software trigger	POLUEKTOV, Anton POLUEKTOV, Anton
18:10	[140] dN/dx reconstruction with machine learning for drift chamber	ZHAO, Guang

mercredi 10 avril 2024

Parallel B: Gas detectors - Frioul (09:00 - 11:00)

-Présidents de session: Huirong Qi; Paolo Giacomelli

time	[id] title	presenter
09:00	[111] Progress of TPC R&D for future circular e+e- collider	Qi, Huirong
09:20	[112] Progress and Developments on the IDEA Drift Chamber	GRAVILI, Francesco Giuseppe
09:40	[113] R&D Progress of Drift Chamber for CEPC	Dr DONG, Mingyi
10:00	[114] RWELL-based IDEA sub-detectors	CHIAPPONI, Francesco
10:20	[115] ZOOM - MRPC R&D for future circular e+e- collider	WANG, Yi
10:40	[116] ZOOM - T2K/ND280 TPC Installation & Commissioning	COLAS, Paul