

4th FCC Physics and Experiments Workshop

Thursday, 12 November 2020

FCC detectors II: Vertex detector (09:00 - 10:30)

-Conveners: **Andreas Jung; Andreas Werner Jung; Auguste Guillaume Besson; Andreas Jung; Paula Collins**

time	[id] title	presenter
09:00	[96] Physics drivers, requirements and introduction to the session	JUNG, Andreas BESSION, Auguste BESSION, Auguste Guillaume COLLINS, Paula
09:15	[97] MAPS in ALICE and perspectives	MAGER, Magnus
09:45	[150] Pxel Detector Hybridization	VICENTE BARRETO PINTO, Mateus

FCC detectors II: Tracker (11:00 - 12:30)

-Conveners: **Dominik Dannheim**

time	[id] title	presenter
11:00	[11] All-silicon tracker concepts for e+e-	LEOGRANDE, Emilia
11:25	[12] Drift-chamber tracker concepts	PRIMAVERA, Margherita PRIMAVERA, Margherita
11:50	[13] The Belle II tracking detector	PAOLONI, Eugenio
12:10	[14] Scintillating fibres and depleted silicon sensors for the LHCb Mighty Tracker	BLANC, Fred

FCC detectors II: Tracker (13:30 - 15:00)

-Conveners: **Bernhard Ketzner**

time	[id] title	presenter
13:30	[15] Towards continuously read out TPC(s)	GASIK, Piotr
13:50	[16] Light-weight mechanics and cooling for e+e- detectors	VOS, Marcel
14:10	[17] Artificial intelligence for tracking	GRAY, Lindsey
14:30	[18] Ultra-fast silicon for ToF / PID	CARTIGLIA, Nicolo

FCC detectors II: Vertex detector (15:30 - 17:00)

-Conveners: **Andreas Werner Jung; Andreas Jung; Paula Collins; Andreas Jung; Auguste Guillaume Besson**

time	[id] title	presenter
15:30	[148] Cooling technologies	VERLAAT, Bart VERLAAT, Bart
16:00	[99] 4D and 5D tracking & vertex detectors	LIPTON, Ronald
16:30	[149] DEPFET pixel sensors: Belle II and Beyond	ANDRICEK, Laci ANDRICEK, Laci