



# DTS meeting during annual meeting internal area

## Wednesday 9 March 2016

### DTS Parallel Session (09:00 - 10:40)

time	[id] title	presenter
09:00	[28] ASICs at CERN	CAMPBELL, Michael
09:40	[29] ASIC in HGF overview	TRUNK, Ulrich
10:00	[7] JuMPAR chip	KRUTH / VAN WAASEN, Andre / Stefan
10:20	[11] Bump-bonding	PITZL OR HANSEN

### DTS Parallel Session (11:10 - 12:30)

time	[id] title	presenter
11:10	[10] Materials for HEP detetcors	MUSSGILLER, Andreas
11:30	[13] High speed optical data transmission for detector applications	SKWIERAWSKI, Piotr
11:50	[14] Helmholtz DAQ-Platform	Dr KAEVER, Peter
12:10	[45] Challenges of free streaming DAQ's	LEHNERT, Jörg

### DTS Parallel Session (13:30 - 17:30)

time	[id] title	presenter
13:30	[0] Challenges in detection of ultra-high intensity heavy ion beams	SCHLEMME, Steffen
13:50	[1] High intensity 100ps pulsed proton beam detection with diamond membrane detectors	KIS, Mladen
14:10	[2] Helmholtz Cube Integration and Application anf Large Area High-Z-sensors	PENNICARD, David FIEDERLE, Michael
14:40	[46] CMOS Imagers for Photon Science	MARRAS, Alessandro
15:30	[4] A novel detection system for Single-Shot Electro-Optical bunch measurements	ROTA, Lorenzo
15:50	[16] KAPTURE2 - An Ultra-fast Picosecond Digitizer for THz Detectors	Dr CASELLE, Michele
16:10	[6] Challenges in high dynamic range gaseous detector applications and a high precision TPC	VOSS, Bernd
16:30	[49] high precision TPC	Mr SCHÄFER, Oliver
16:50	[5] Addressing the challenges of future tracking detector systems in timing and intensity; a diamond-based in-beam start detector system for MIPs and heavy ions.	PIETRASZKO, Jerzy
17:10	[48] A fast imaging detector based on SiPM technology	DIEHL, Inge

### DTS Parallel Session (15:50 - 18:40)

time	[id] title	presenter
17:30	[19] Efficient GPU-enabled computing infrastructure for high-speed data acquisition	CHILINGARYAN, Suren
17:50	[20] Scalable tools for user-centric, interactive, live data analysis on HPC clusters	Dr BUSSMANN, Michael