



# System-on-Chip Workshop - CERN

## Wednesday, 12 June 2019

### Overview and Use Cases - 30/7-018 - Kjell Johnsen Auditorium (13:30 - 17:30)

-Conveners: Ralf Spiwoks; Revital Kopeliansky

time	[id] title	presenter
13:30	[6] Evolution of CMS online system and role of SoC	MEIJERS, Frans
13:55	[7] ATLAS SoC - Review	KOPELIANSKY, Revital
14:20	[8] ATLAS MUCTPI and System on Chip	SPIWOKS, Ralf
14:40	[9] Fault Resilient Design for 28nm ZYNQ SoC based Radiation Protection Monitoring System Fulfilling Safety Integrity Level 2	BOUKABACHE, Hamza
15:00	Tea break	
15:30	[10] SoC technology for embedded control and interlocking within fast pulsed systems	VAN TRAPPEN, Pieter
15:50	[11] The CMS APx Platform using SoC Devices	GORSKI, Thomas Andrew
16:15	[12] CMS R&D for Phase-2 Tracker Back-end Electronics	ARDILA, Luis