Session Program

7-11 Jun 2021

2nd System-on-Chip Workshop - CERN

Project Reports II

Zoom

Wednesday 9 June

13:30

Project Reports II
Session | **Location:** Zoom | **Convener:** Marc Dobson

13:30–14:00

A System-on-Chip-based Front-end Electronics Control System for the Phase-2 ATLAS Thin-Gap Chambers (TGC)

Speaker
Aoto Tanaka

14:00–14:30

The ATLAS Smart Rear-Transition Module of the Liquid Argon Calorimeter

Speakers
John David Hobbs, Robert Dean Schamberger Jr

14:30–15:00

Remote Management of SoC-based Radiation Monitors both at CERN and ESS

Speakers
Hamza Boukabache, Juha Hast

15:00–15:15 **Coffee/tea break**

15:15–15:45 **Updates on SoC for the Apollo Platform**

Speaker
Dan Gastler

15:45–16:15

ZynqMP-based Board Management Mezzanines for the Serenity ATCA Blades

Speaker
Luis Ardila

16:15–16:45 **Development Infrastructure for MPSoc/RFSoC Platforms**

Speakers
Nick Karcher, Oliver Sander

16:45–17:00 **Coffee/tea break**

17:00–17:30 **APx Embedded Linux Developments**

Speakers
Jesra Tikalsky, Thomas Andrew Gorski

17:30–18:00 **Software Framework for the System-on-Chip of the ATLAS MUCTPI**

Speaker
Ralf Spiwoks

18:00–18:30

CMS DAQ System Software Design Considerations for Zynq-based MPSoCs in ATCA Crates

Speaker

Petr Zejdl

18:30–18:31   **Added Notes: Report on SoC Activities in the CMS HGCAL**

Speaker

Andre David Tinoco Mendes

19:00