

**Session Program**

**7-11 Jun 2021**

**2nd System-on-Chip Workshop - CERN**

***Project Reports I***

Zoom

# Tuesday 8 June

15:15

## Project Reports I

Session | Location: Zoom | Convener: Ralf Spiwoks

15:15–15:45

### SoC-based Monitoring and Configuration of the ATLAS L1Calo TREX Module

**Speaker**

Tigran Mkrtchyan

15:45–16:15

### SoC Developments for the Detector Control System of ATLAS Tile Calorimeter at the HL-LHC

**Speaker**

Mpho Gift Doctor Gololo

16:15–16:45

### The Zynq MPSoC in the gFEX Hardware Trigger in ATLAS

**Speaker**

Emily Ann Smith

16:45–17:00

### Coffee/tea break

17:00–17:30

### SoCs for Detector Controls and their Applications

**Speaker**

Paris Moschovakos

17:30–18:00

### SoC-based DAQ for the Pixel Readout Chip RD53a/b

**Speaker**

Zijun Xu

18:00–18:30

### Waveform Digitizing and Processing Front-end Microelectronics for large Experiments

**Speaker**

Isar Mostafanezhad

19:00