

Session Program

2-6 Oct 2023

3rd CERN System-on-Chip Workshop

Project Session #1

CERN, 13/2-005

Tuesday 3 October

14:30

Project Session #1

Session | **Location:** CERN, 13/2-005 | **Convener:** Sarath Kundumattathil Mohanan

14:30-14:50 Introduction to Projects' Session

Speaker

Ralf Spiwoks

14:50-15:20 The Beam Instrumentation PiXeL (BIPXL) MPSoC Readout System

Speaker

Gabriela Cabrera Castellano

15:20-15:40 Coffee/tea break

15:40-16:10 RFSoc-based Development for HL-LHC Beam Position Monitors

Speakers

Irene Degl'Innocenti, Andrea Boccardi, Elif Balci, Manuel Gonzalez Berges, Michal Krupa, Stephen Jackson

16:10-16:40 The X2O ATCA IPMC and Control Solution: an Update

Speakers

Aleksei Greshilov, Alexander Madorsky, Michail Bachtis

16:40-17:10

A SoC Development Platform Based on SoCMake Build System and SystemRDL Description

Speaker

Risto Pejasinovic

17:10-17:40

Towards Modern Heterogenous Code Development for SoC: Application to CROME System

Speaker

Clyde Laforge

18:00