

Streaming readout Workshop SRO-XI

Report of Contributions

Contribution ID: 2

Type: **not specified**

SPADI Alliance for Standardization of SRO DAQ in Japan

Tuesday, November 28, 2023 1:10 PM (30 minutes)

Presenter: OTA, Shinsuke

Session Classification: S1) SRO in Japan

Contribution ID: 3

Type: **not specified**

SRO FEE development Japan

Tuesday, November 28, 2023 1:40 PM (30 minutes)

Presenter: HONDA, Ryotaro

Session Classification: S1) SRO in Japan

Contribution ID: 4

Type: **not specified**

SRO timing distribution system in Japan

Tuesday, November 28, 2023 2:10 PM (30 minutes)

Presenter: BABA, Hidetada

Session Classification: S1) SRO in Japan

Contribution ID: 5

Type: **not specified**

A DAQ software framework for SRO

Tuesday, November 28, 2023 2:40 PM (30 minutes)

Presenter: IGARASHI, Youichi

Session Classification: S1) SRO in Japan

Contribution ID: 6

Type: **not specified**

SRO app. for the 12 GeV program at JLAB (remote)

Tuesday, November 28, 2023 3:45 PM (30 minutes)

Presenter: CUEVAS, Chris (Jefferson Lab)

Session Classification: S2) SRO@JLab

Contribution ID: 7

Type: **not specified**

SRO@JLAB

Tuesday, November 28, 2023 4:15 PM (30 minutes)

Presenter: GYURJYAN, Vardan (Jefferson Lab)

Session Classification: S2) SRO@JLab

Contribution ID: 8

Type: **not specified**

SRO tests at JLab

Tuesday, November 28, 2023 4:45 PM (30 minutes)

Presenter: BONDI, Mariangela (member@cern.ch)

Session Classification: S2) SRO@JLab

Contribution ID: 9

Type: **not specified**

Latest news from CAEN

Tuesday, November 28, 2023 5:15 PM (30 minutes)

Presenter: Dr LOCATELLI, Marco (CAEN)

Session Classification: S2) SRO@JLab

Contribution ID: **10**

Type: **not specified**

NALU asic for SRO

Tuesday, November 28, 2023 5:45 PM (30 minutes)

Presenter: Dr MOSTAFED, Isar (NALU Scientific)

Session Classification: S2) SRO@JLab

Contribution ID: 11

Type: **not specified**

SRO for sPHENIX TPC and Real-time AI

Friday, December 1, 2023 7:15 PM (30 minutes)

Presenter: HUANG, Jin (Brookhaven National Lab)

Session Classification: Friday evening session

Contribution ID: 12

Type: **not specified**

Lessons learned from the sPHENIX commissioning

Friday, December 1, 2023 6:45 PM (30 minutes)

Presenter: PURSCHKE, Martin (BNL)

Session Classification: Friday evening session

Contribution ID: 13

Type: **not specified**

BELLE-II DAQ and possibility of SRO

Friday, December 1, 2023 7:45 PM (30 minutes)

Presenter: YAMADA, Satoru

Session Classification: Friday evening session

Contribution ID: 14

Type: **not specified**

Streaming readout for the ePIC DAQ

Friday, December 1, 2023 8:45 PM (30 minutes)

Presenter: LANDGRAF, Jeff (Brookhaven National Laboratory)

Session Classification: Friday evening session

Contribution ID: 15

Type: **not specified**

Discussion

Friday, December 1, 2023 9:45 PM (30 minutes)

Session Classification: Friday evening session

Contribution ID: 16

Type: **not specified**

AI for real-time application (remote)

Saturday, December 2, 2023 2:00 PM (30 minutes)

Presenter: FANELLI, Cristiano (W&M)

Session Classification: Saturday Morning Session

Contribution ID: 17

Type: **not specified**

ML on FPGA for tracking and PId (remote)

Saturday, December 2, 2023 2:30 PM (30 minutes)

Presenter: FURLETOV, Sergey (JLab)

Session Classification: Saturday Morning Session

Contribution ID: **18**

Type: **not specified**

Streaming DAQ experience for small setups and plans for CLAS12 (remote)

Saturday, December 2, 2023 3:00 PM (30 minutes)

Presenter: BOYARINOV, Sergey (JLab)

Session Classification: Saturday Morning Session

Contribution ID: 19

Type: **not specified**

Research of high precision time measurement electronics in physics experiments

Saturday, December 2, 2023 5:00 PM (30 minutes)

Presenter: Dr QIN, Jiajun (USTC)

Session Classification: Saturday Morning Session

Contribution ID: 20

Type: **not specified**

Streaming DAQ for GEMs (remote)

Presenter: SZUMILA-VANCE, Holly (member@jlab.org;employee@jlab.org)

Session Classification: Saturday Morning Session

Contribution ID: 21

Type: **not specified**

Readout Electronics for LGAD Detectors

Saturday, December 2, 2023 11:00 AM (30 minutes)

Presenter: YE, Zhenyu (University of Illinois at Chicago)

Session Classification: Saturday Morning Session

Contribution ID: 22

Type: **not specified**

ToF development China or EIC China

Presenter: YE, Zhihong (Tsinghua University)

Session Classification: Saturday Morning Session

Contribution ID: 23

Type: **not specified**

Streaming RO and offline analysis

Saturday, December 2, 2023 9:30 AM (30 minutes)

Presenter: PURSCHKE, Martin (BNL)

Session Classification: Saturday Morning Session

Contribution ID: 24

Type: **not specified**

EIC Front End Readout R&D initiatives

Saturday, December 2, 2023 4:00 PM (30 minutes)

Presenter: BARBOSA, Fernando (JLab)

Session Classification: Saturday Morning Session

Contribution ID: 25

Type: **not specified**

Streaming DAQ for hypernuclear

Saturday, December 2, 2023 9:00 AM (30 minutes)

Presenter: Prof. HAYAKAWA, Shuhei

Session Classification: Saturday Morning Session

Contribution ID: 26

Type: **not specified**

High speed DAQ and rapid aggregation and processing for EIC applications

Presenter: MOSTAFANEZHAD, Isar

Session Classification: Saturday Morning Session

Contribution ID: 27

Type: **not specified**

Discussion

Session Classification: S5b) SRO for EIC

Contribution ID: **28**

Type: **not specified**

SRO-XI closout

Presenters: CAMSONNE, Alexandre (JLAB); HASELL, Douglas (MIT); BERNAUER, Jan (Stony Brook University and RBRC); BATTAGLIERI, Marco (Jefferson Lab)

Session Classification: Saturday Morning Session

Contribution ID: 29

Type: **not specified**

SiPM readout using HGCROC

Saturday, December 2, 2023 4:30 PM (30 minutes)

Presenter: NOWITSKI, Norbert

Session Classification: Saturday Morning Session

Contribution ID: **30**

Type: **not specified**

Time synchronization system for the ePIC DAQ

Friday, December 1, 2023 9:15 PM (30 minutes)

Presenter: SCHAMBACH, Joachim (Oak Ridge National Laboratory)

Session Classification: Friday evening session

Contribution ID: **31**

Type: **not specified**

SRO@ALICE (remote)

Saturday, December 2, 2023 8:30 AM (30 minutes)

Presenter: COSTA, Filippo (CERN)

Session Classification: Saturday Morning Session

Contribution ID: **32**

Type: **not specified**

SRO for MAPS detectors

Saturday, December 2, 2023 10:30 AM (30 minutes)

Presenter: SCHAMBACH, Joachim (Oak Ridge National Laboratory)

Session Classification: Saturday Morning Session

Contribution ID: **33**

Type: **not specified**

Closout

Saturday, December 2, 2023 5:30 PM (30 minutes)

Session Classification: Saturday Morning Session

Contribution ID: 34

Type: **not specified**

ePIC Streaming Computing Model

Saturday, December 2, 2023 11:30 AM (30 minutes)

Presenter: DIEFENTHALER, Markus (Jefferson Lab)

Session Classification: Saturday Morning Session