

SONIC: Heterogeneous Computing for Science Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

SONIC for ATLAS and CMS

Friday, 1 March 2024 09:01 (20 minutes)

Presenter: YAO, Yao (Purdue University (US))

Contribution ID: 2

Type: **not specified**

GPU accelerated online and offline processing at ALICE

Friday, 1 March 2024 09:25 (20 minutes)

Presenter: ROHR, David (CERN)

Contribution ID: 3

Type: **not specified**

SONIC for Neutrino Experiments

Friday, 1 March 2024 09:50 (20 minutes)

Presenter: HEWES, V

Contribution ID: 4

Type: **not specified**

As-a-service for LIGO

Friday, 1 March 2024 10:15 (20 minutes)

Presenter: MARX, Ethan (MIT)

Contribution ID: 5

Type: **not specified**

SONIC for IceCube

Friday, 1 March 2024 11:00 (20 minutes)

Presenter: RIEDEL, Benedikt

Contribution ID: 6

Type: **not specified**

GPU usage in Neuroscience

Friday, 1 March 2024 11:25 (20 minutes)

Presenter: PARK, Seungbin

Contribution ID: 7

Type: **not specified**

SONIC for tracking: Exatrnx-as-a-service

Friday, 1 March 2024 11:50 (20 minutes)

Presenter: CHOU, Yuan-Tang (University of Washington (US))

Contribution ID: **8**

Type: **not specified**

SONIC for CMS: miniAOD and Patatrack

Friday, 1 March 2024 13:30 (20 minutes)

Presenter: FENG, Yongbin (Fermi National Accelerator Lab. (US))

Contribution ID: 9

Type: **not specified**

SONIC at NERSC

Friday, 1 March 2024 14:20 (20 minutes)

Presenter: NAYLOR, Andrew (Lawrence Berkeley National Lab)

Contribution ID: **10**

Type: **not specified**

SONIC benchmarks & tools discussion

Friday, 1 March 2024 14:40 (50 minutes)

Presenters: KONDRATYEV, Dmitry (Purdue University (US)); PIPEROV, Stefan (Purdue University (US)); YAO, Yao (Purdue University (US))

Contribution ID: **11**

Type: **not specified**

SONIC in CMS

Friday, 1 March 2024 16:00 (1h 30m)

Presenters: KONDRATYEV, Dmitry (Purdue University (US)); LIU, Miaoyuan (Purdue University (US)); PIPEROV, Stefan (Purdue University (US)); YAO, Yao (Purdue University (US))

Contribution ID: 12

Type: **not specified**

Graphcore

Contribution ID: 13

Type: **not specified**

Industry talk : NVIDIA Triton

Friday, 1 March 2024 13:55 (20 minutes)

Contribution ID: 14

Type: **not specified**

PySONIC for LHC data analysis

Friday, 1 March 2024 12:15 (20 minutes)

Presenter: KANSAL, Raghav (Univ. of California San Diego (US))

Contribution ID: 15

Type: **not specified**

Welcome

Friday, 1 March 2024 09:00 (1 minute)

Presenter: LIU, Miaoyuan (Purdue University (US))