

2nd STEAM Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

STEAM framework

Monday, 11 October 2021 16:10 (30 minutes)

Presenter: WOZNIAK, Mariusz (CERN)

Contribution ID: 2

Type: **not specified**

New STEAM developments

Monday, 11 October 2021 16:40 (30 minutes)

Presenter: Dr RAVAIOLI, Emmanuele (CERN)

Contribution ID: 5

Type: **not specified**

STEAM notebooks

Monday, 11 October 2021 17:30 (30 minutes)

Presenter: JANITSCHKE, Marvin (Technische Universitaet Berlin (DE))

Contribution ID: 7

Type: **not specified**

Quench protection of HEPDipo magnet using STEAM-LEDET

Tuesday, 12 October 2021 16:00 (20 minutes)

Presenter: SARASOLA, Xabier (EPFL)

Contribution ID: 8

Type: **not specified**

Powering and protection of the MQXF test facility at FNAL using STEAM-COSIM

Tuesday, 12 October 2021 16:20 (20 minutes)

Presenter: MARINOZZI, Vittorio (FNAL)

Contribution ID: 9

Type: **not specified**

Analysis of fast discharge of the SIS100 dipole circuit using a SING-generated PSPICE circuit

Tuesday, 12 October 2021 16:40 (20 minutes)

Presenter: DELKOV, Dimitri (CERN)

Contribution ID: 13

Type: **not specified**

3D magnet quench simulations using STEAM-LEDET

Wednesday, 13 October 2021 16:00 (20 minutes)

Presenter: ARNEGAARD, Ola Trandum (Norwegian University of Science and Technology (NTNU) (NO))

Contribution ID: 14

Type: **not specified**

Analysis of thermal transients in a superconducting combined function magnet for hadron therapy gantry using a SIGMA-generated COMSOL model

Wednesday, 13 October 2021 16:20 (20 minutes)

Presenter: FERRENTINO, Vittorio (CERN)

Contribution ID: 15

Type: **not specified**

Simulation of quench-back transients in a CCT magnet using STEAM-ProteCCT

Wednesday, 13 October 2021 16:40 (20 minutes)

Presenter: MENTINK, Matthias (CERN)

Contribution ID: 19

Type: **not specified**

Implementing HTS in STEAM-LEDET from test coils to full-scale systems

Thursday, 14 October 2021 16:00 (20 minutes)

Presenter: DAVIS, Daniel (FSU/NHMFL)

Contribution ID: 20

Type: **not specified**

Thermal analysis of quench-heater heating stations using STEAM-BBQ

Thursday, 14 October 2021 16:20 (20 minutes)

Presenter: JANITSCHKE, Marvin (Technische Universitaet Berlin (DE))

Contribution ID: 21

Type: **not specified**

Uncertainty quantification of quench characteristics of Hollow Electron Lens Solenoids using DAKOTA and LEDET

Thursday, 14 October 2021 16:40 (20 minutes)

Presenter: WOZNIAK, Mariusz (CERN)

Contribution ID: 26

Type: **not specified**

STEAM future

Friday, 15 October 2021 16:00 (30 minutes)

Presenters: Dr RAVAIOLI, Emmanuele (CERN); WOZNIAK, Mariusz (CERN)

Contribution ID: **28**

Type: **not specified**

Welcome

Monday, 11 October 2021 16:00 (10 minutes)

Presenter: WOZNIAK, Mariusz (CERN)

Contribution ID: 29

Type: **not specified**

Hands-on session: STEAM Notebooks + materials properties database - recommended for users in Asia

Monday, 11 October 2021 11:00 (1 hour)

Presenters: RAVAIOLI, Emmanuele (CERN); WOZNIAK, Mariusz (CERN)

Contribution ID: **30**

Type: **not specified**

Hands-on session: STEAM Notebooks + materials properties database - recommended for users in Europe

Monday, 11 October 2021 14:00 (1 hour)

Presenters: RAVAIOLI, Emmanuele (CERN); WOZNIAK, Mariusz (CERN)

Contribution ID: 31

Type: **not specified**

Hands-on session: STEAM Notebooks + materials properties database - recommended for users in Americas

Monday, 11 October 2021 18:30 (1 hour)

Presenters: RAVAIOLI, Emmanuele (CERN); WOZNIAK, Mariusz (CERN)