

FLASH2020+ Start to End Simulation Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction and Overview

Thursday 16 December 2021 09:30 (30 minutes)

Presenter: Dr NIKNEJADI, Pardis (MPY (Beschleunigerphysik))

Session Classification: Introduction and Simulating the Electron Beam

Contribution ID: 2

Type: **not specified**

Calculation of Microbunching in Linacs with Bunch Compression Systems

Thursday 16 December 2021 10:00 (30 minutes)

Presenter: Dr DOHLUS, Martin (DESY)

Session Classification: Introduction and Simulating the Electron Beam

Contribution ID: 3

Type: **not specified**

Overview and Status of Linac Simulations with SelaV

Thursday 16 December 2021 10:30 (30 minutes)

Presenter: AMSTUTZ, Philipp (MFL (FLASH))

Session Classification: Introduction and Simulating the Electron Beam

Contribution ID: 4

Type: **not specified**

A friendly introduction to Genesis1.3 V4

Thursday 16 December 2021 11:00 (30 minutes)

Presenter: FERRARI, Eugenio (PSI)

Session Classification: Introduction and Simulating the Electron Beam

Contribution ID: 5

Type: **not specified**

Discussion

Thursday 16 December 2021 11:35 (45 minutes)

Session Classification: Introduction and Simulating the Electron Beam

Contribution ID: 6

Type: **not specified**

FLASH2020+ seeding laser SLASH - Start-to-End simulation using chi3D

Thursday 16 December 2021 14:00 (30 minutes)

Presenter: LANG, Tino (FS-LA (Lasers for Users))

Session Classification: Simulating the Laser Beams

Contribution ID: 7

Type: **not specified**

Using realistic fields from Chi3D in GENESIS 1.3

Thursday 16 December 2021 14:30 (30 minutes)

Presenter: Dr ACKERMANN, Sven (DESY)

Session Classification: Simulating the Laser Beams

Contribution ID: 8

Type: **not specified**

First results of ELEGANT simulations for the laser heater

Thursday 16 December 2021 15:00 (30 minutes)

Presenter: SAMOILENKO, Dmitrii (MPY (Beschleunigerphysik))

Session Classification: Simulating the Laser Beams

Contribution ID: 9

Type: **not specified**

Wrap up of the first day discussions

Thursday 16 December 2021 15:45 (30 minutes)

Presenter: Dr NIKNEJADI, Pardis (MPY (Beschleunigerphysik))

Session Classification: Simulating the Laser Beams

Contribution ID: **10**

Type: **not specified**

Introduction to Puffin

Friday 17 December 2021 11:00 (30 minutes)

Presenter: Dr NIKNEJADI, Pardis (MPY (Beschleunigerphysik))

Session Classification: Benchmarking and Handshaking Between Simulations

Contribution ID: **11**

Type: **not specified**

Setting up ELEGANT lattice for S2E simulations

Friday 17 December 2021 11:30 (30 minutes)

Presenter: SAMOILENKO, Dmitrii (MPY (Beschleunigerphysik))

Session Classification: Benchmarking and Handshaking Between Simulations

Contribution ID: 13

Type: **not specified**

Bridging Elegant to Genesis simulations with a pseudo-one4one approach

Friday 17 December 2021 12:00 (30 minutes)

Presenter: POP, Mihai

Session Classification: Benchmarking and Handshaking Between Simulations

Contribution ID: 14

Type: **not specified**

EEHG Working Points in GENESIS and ELEGANT”

Friday 17 December 2021 12:45 (30 minutes)

Presenters: PANNEK, Fabian (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik)); POP, Mihai

Session Classification: Benchmarking and Handshaking Between Simulations

Contribution ID: 15

Type: **not specified**

Summary

Friday 17 December 2021 13:15 (15 minutes)

Presenter: Dr NIKNEJADI, Pardis (MPY (Beschleunigerphysik))

Session Classification: Benchmarking and Handshaking Between Simulations

Contribution ID: **16**

Type: **not specified**

Final Discussion

Friday 17 December 2021 13:30 (30 minutes)

Session Classification: Benchmarking and Handshaking Between Simulations

Contribution ID: 17

Type: **not specified**

Zoom Photo

Thursday 16 December 2021 11:30 (5 minutes)

Session Classification: Introduction and Simulating the Electron Beam