

GetDP Workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Thursday, 22 April 2021 13:00 (20 minutes)

Presenter: WOZNIAK, Mariusz (CERN)

Contribution ID: 2

Type: **not specified**

Simulation needs and challenges for accelerator magnets

Thursday, 22 April 2021 13:20 (35 minutes)

30 min talk + 5 min questions

Presenter: AUCHMANN, Bernhard (CERN)

Contribution ID: 4

Type: **not specified**

Introduction and overview, Hands On: CAD & Laplace problem

Thursday, 22 April 2021 14:00 (55 minutes)

50 min talk + 5 min questions

Presenter: Prof. GEUZAINÉ, Christophe

Contribution ID: 6

Type: **not specified**

Types of problems, Multiphysics coupling (OneLab), Tips & tricks

Thursday, 22 April 2021 15:00 (55 minutes)

50 min talk + 5 min for questions

Presenter: Prof. GEUZAINÉ, Christophe

Contribution ID: 8

Type: **not specified**

Superconductors in GetDP: Standard formulations

Thursday, 22 April 2021 16:00 (55 minutes)

50 min talk + 5 min questions

Presenter: DULAR, Julien (Université de Liège)

Contribution ID: 9

Type: **not specified**

Superconductors in GetDP: Numerical Comparison and Coupled Formulations

Thursday, 22 April 2021 17:00 (55 minutes)

50 min talk + 5 min questions

Presenter: DULAR, Julien (Université de Liège)

Contribution ID: **10**

Type: **not specified**

GmshFEM - future direction, High Performance Computing

Friday, 23 April 2021 13:00 (55 minutes)

50 min talk + 5 min question

Presenter: ROYER, Anthony (Université de Liège)

Contribution ID: 11

Type: **not specified**

SC magnet optimisation, Modelling of magnetic shielding

Friday, 23 April 2021 14:00 (55 minutes)

50 min talk + 5 min questions

Presenter: MARSIC, Nicolas (Technische Universität Darmstadt)

Contribution ID: 12

Type: **not specified**

EM-Th. FE model of SC conductors and coils

Friday, 23 April 2021 15:00 (55 minutes)

50 min talk + 5 min questions

Presenter: SCHNAUBELT, Erik (TU Darmstadt)

Contribution ID: 13

Type: **not specified**

Transient effects in accelerators, Scalability and large models

Friday, 23 April 2021 16:00 (55 minutes)

50 min talk + 5 min questions

Presenter: BORTOT, Lorenzo (Technische Universitaet Darmstadt (DE))

Contribution ID: 14

Type: **not specified**

Questions + Discussion

Friday, 23 April 2021 16:55 (35 minutes)

Presenter: WOZNIAK, Mariusz (CERN)