

FCC-hh impedance and beam screen workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to impedance and beam stability in FCC-hh

Thursday, 30 March 2017 15:00 (20 minutes)

Presenter: BOINE-FRANKENHEIM, Oliver (TU Darmstadt)

Session Classification: General impedance / beam stability

Contribution ID: 2

Type: **not specified**

Contributions to the impedance budget with focus on interconnects and pumping holes

Thursday, 30 March 2017 15:20 (20 minutes)

Presenter: RIEMANN, Bernard (TU Dortmund University)

Session Classification: General impedance / beam stability

Contribution ID: 3

Type: **not specified**

Impedance of the collimators

Thursday, 30 March 2017 15:40 (20 minutes)

Presenter: ASTAPOVYCH, Daria (TU Darmstadt)

Session Classification: General impedance / beam stability

Contribution ID: 4

Type: **not specified**

HTC coating as an option for the beam screen

Thursday, 30 March 2017 16:00 (20 minutes)

Presenter: NIEDERMAYER, Uwe (TU-Darmstadt)

Session Classification: General impedance / beam stability

Contribution ID: 5

Type: **not specified**

RF system for FCC-hh

Thursday, 30 March 2017 16:50 (20 minutes)

Presenter: SHAPOSHNIKOVA, Elena (CERN)

Session Classification: General impedance / beam stability

Contribution ID: 6

Type: **not specified**

Feedback system for FCC-hh

Thursday, 30 March 2017 17:10 (20 minutes)

Presenter: HOFLE, Wolfgang (CERN)

Session Classification: General impedance / beam stability

Contribution ID: 7

Type: **not specified**

Instability mitigation for FCC-hh

Thursday, 30 March 2017 17:30 (20 minutes)

Presenter: KORNILOV, Vladimir (GSI Helmholtzzentrum Darmstadt, Germany)

Session Classification: General impedance / beam stability

Contribution ID: 8

Type: **not specified**

Introduction / overview of the beam screen related activities

Friday, 31 March 2017 09:00 (20 minutes)

Presenter: CHIGGIATO, Paolo (CERN)

Session Classification: Beam screen design / laser treatment

Contribution ID: 9

Type: **not specified**

Beam screen design

Friday, 31 March 2017 09:20 (20 minutes)

Presenter: GARION, Cedric (CERN)

Session Classification: Beam screen design / laser treatment

Contribution ID: **10**

Type: **not specified**

Vacuum performance of the beam screen

Friday, 31 March 2017 09:40 (20 minutes)

Presenter: KERSEVAN, Roberto (CERN)

Session Classification: Beam screen design / laser treatment

Contribution ID: **11**

Type: **not specified**

Electron cloud in FCC-hh

Friday, 31 March 2017 10:00 (20 minutes)

Presenter: METHER, Lotta (Ecole Polytechnique Federale de Lausanne (CH))

Session Classification: Beam screen design / laser treatment

Contribution ID: **12**

Type: **not specified**

Laser treatment at STFC

Friday, 31 March 2017 10:20 (20 minutes)

Presenter: Dr MALYSHEV, Oleg (STFC Daresbury Laboratory)

Session Classification: Beam screen design / laser treatment

Contribution ID: **13**

Type: **not specified**

Laser treatment at Dundee, relevance for HL-LHC

Friday, 31 March 2017 11:10 (20 minutes)

Presenter: CALATRONI, Sergio (CERN)

Session Classification: Beam screen design / laser treatment

Contribution ID: 14

Type: **not specified**

Impact of laser treatment on the impedance of the beam screen

Friday, 31 March 2017 11:30 (20 minutes)

Presenter: ARSENYEV, Sergey (CERN)

Session Classification: Beam screen design / laser treatment

Contribution ID: 15

Type: **not specified**

Plans for impedance measurements at ICMAB and ALBA

Friday, 31 March 2017 11:50 (20 minutes)

Presenter: PEREZ, Francis (ALBA Synchrotron - CELLS)

Session Classification: Beam screen design / laser treatment

Contribution ID: **16**

Type: **not specified**

Proposals for impedance measurements at CERN

Friday, 31 March 2017 12:10 (20 minutes)

Presenter: CALATRONI, Sergio (CERN)

Session Classification: Beam screen design / laser treatment