

**E-coolers and e-lenses
simulations - joint BE-ABP /
BE-BI meeting**

Report of Contributions

Contribution ID: 3

Type: **not specified**

Brief introduction and scope of the meeting

Thursday 10 January 2019 08:30 (5 minutes)

Presenter: ROSSI, Adriana (CERN)

Contribution ID: 6

Type: **not specified**

Simulations of e-cooling effect at LEIR/ELENA

Thursday 10 January 2019 09:25 (20 minutes)

Simulation code, methods, eventual results and comparison with measurements.

Presenter: LATINA, Andrea (CERN)

Session Classification: E-coolers

Contribution ID: 8

Type: **not specified**

Operational aspects and diagnostics of AD and ELENA e-coolers

Thursday 10 January 2019 09:50 (15 minutes)

Presenter: JOERGENSEN, Lars Varming (CERN)

Session Classification: E-coolers

Contribution ID: **10**

Type: **not specified**

Experience with e-cooler at ELENA and requirements for optimisation of future applications

Thursday 10 January 2019 10:10 (15 minutes)

Presenters: CARLI, Christian (CERN); GAMBA, Davide (CERN)

Session Classification: E-coolers

Contribution ID: 11

Type: **not specified**

Past and present of electron cooling at CERN (AD, LEIR, ELENA ...)

Thursday 10 January 2019 08:35 (20 minutes)

Presenter: TRANQUILLE, Gerard Alain (CERN)

Session Classification: E-coolers

Contribution ID: 12

Type: **not specified**

Simulations of e-gun for AD e-cooler

Thursday 10 January 2019 09:00 (20 minutes)

Presenter: PIKIN, Alexander (University of Manchester (GB))

Session Classification: E-coolers

Contribution ID: **19**

Type: **not specified**

Summary of e-beam studies for the HL-LHC Hollow Electron Lens

Thursday 10 January 2019 10:50 (20 minutes)

Presenter: ROSSI, Adriana (CERN)

Session Classification: E-lenses

Contribution ID: **21**

Type: **not specified**

Simulations for e-lens test stand guns and beams

Thursday 10 January 2019 11:15 (20 minutes)

Presenter: SADOVICH, Sergey (CERN)

Session Classification: E-lenses

Contribution ID: 23

Type: **not specified**

Effect of e-lens on circulating beams

Thursday 10 January 2019 11:40 (20 minutes)

Simulation code, methods, eventual results and comparison with measurements.

Presenter: MIRARCHI, Daniele (University of Manchester (GB))

Session Classification: E-lenses

Contribution ID: 25

Type: **not specified**

What next?

Thursday 10 January 2019 12:05 (20 minutes)

Presenters: ROSSI, Adriana (CERN); CORSINI, Roberto (CERN)