

E-BEAM Working Group

Adriana Rossi – Chair

Davide Gamba – Co-chair and Scientific Secretary

Scope

A Working Group on Electron Beams (E-BEAM WG) has participants from different backgrounds (for the moment electron coolers and electron lenses), and groups (BE-ABP, BE-BI, BE-OP).

The idea is to benefit from the experience and expertise in the development of electron beam devices used in circular accelerators, in the simulation of their effects on beam dynamics and in their operation.

Mandate

The E-BEAM Working Group is a forum to:

- ◆ Facilitate exchange of information amongst all actors involved in electron beam devices.
- ◆ Openly discuss any matter related to the design and operation of electron beam devices.
- ◆ Review specifications and needs on electron beam and help translating them into technical requirements.
- ◆ Show operational experience and limitations of electron devices, express needs for operation and help improving performance where possible.
- ◆ Simulate electron beam to predict and improve the electron beam dynamics
- ◆ Simulate beam dynamics in the presence of electron beams to predict cooling or cleaning efficiency.
- ◆ Develop and discuss on simulation tools and exchange expertise.

Generalities

- ◆ **Venue:** The E-BEAM Working Group will meet on a regular basis, monthly or more often, depending on need. In general subjects will be grouped by device or domain.
- ◆ **Distribution list:** The E-BEAM Working Group is open to anyone interested who can submit subscription using the <https://e-groups.cern.ch> web site.
- ◆ **Indico** <https://indico.cern.ch/category/11128/>



E-BEAM

Working Group Meetings	2 events	➡
Electron Lenses	empty	➡
Electron Cooling	3 events	➡
Reviews	empty	➡

Managers

- Adriana Rossi
- Davide Gamba

Materials

There are no materials yet.