

ExtreMe Matter Institute EMMI

EMMI Workshop

Forward Physics in ALICE 3

Physikalisches Institut, Heidelberg University

October 18 - 20, 2023



Scientific topics:

- Proton-proton elastic and inelastic scattering
- Single and double diffractive proton dissociation
- Exclusive production of dileptons, W^+W^- and $t\bar{t}$ pairs in pp collisions
- Exclusive production of dileptons and $c\bar{c}$ pairs in pA collisions
- Diffractive bremsstrahlung
- Soft photon production
- Gamma-proton cross section
- Vector meson photoproduction
- Gluon saturation in heavy-ion collisions

Organizers:

Alexandra Holten (secretary)
Piotr Lebiedowicz (co-chair)
Rainer Schicker (co-chair)
Martin Völkl

Information:

www.gsi.de/emmi/workshops

Website:

indico.cern.ch/event/1327118

More about EMMI:

www.gsi.de/emmi



HELMHOLTZ
RESEARCH FOR GRAND CHALLENGES



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

