



Contribution ID: 1590 Contribution code: TUPS11

Type: Poster Presentation

## Concluding the operation and development of COSY

*Tuesday, 21 May 2024 16:00 (2 hours)*

The operation of the COLer SYnchrotron COSY and its further development ended in October 2023. We briefly review the operation of the accelerator facility and continuous development of its sub-systems. Additionally, this work is put in context of the transformation process that COSY operation and the Institute of Nuclear Physics (IKP) of the Research Center Jülich went through starting 2015. Furthermore, the decommissioning strategy along with the possible further use of COSY components are discussed.

### Footnotes

### Funding Agency

### Paper preparation format

### Region represented

Europe

**Primary author:** KAMERDZHIEV, Vsevolod (GSI Helmholtzzentrum für Schwerionenforschung GmbH)

**Co-authors:** BREITKREUTZ, Bernd (GSI Helmholtzzentrum für Schwerionenforschung GmbH); BOEHME, Christian (Forschungszentrum Jülich GmbH); PRASUHN, Dieter (Forschungszentrum Jülich GmbH); BEKMAN, Ilja (Forschungszentrum Jülich GmbH); HETZEL, Jan (GSI Helmholtzzentrum für Schwerionenforschung GmbH); LAIHEM, Karim (GSI Helmholtzzentrum für Schwerionenforschung GmbH); REIMERS, Karl (Forschungszentrum Jülich GmbH); Dr GRIGORYEV, Kirill (GSI Helmholtzzentrum für Schwerionenforschung GmbH); SHURKHNO, Nikolay (GSI Helmholtzzentrum für Schwerionenforschung GmbH); Dr FELDEN, Olaf (Forschungszentrum Jülich GmbH); NIEDERMAYER, Philipp (GSI Helmholtzzentrum für Schwerionenforschung GmbH); GEBEL, Ralf (GSI Helmholtzzentrum für Schwerionenforschung GmbH); STASSEN, Rolf (Forschungszentrum Jülich GmbH); VALDAU, Yury (GSI Helmholtzzentrum für Schwerionenforschung GmbH)

**Presenter:** HETZEL, Jan (GSI Helmholtzzentrum für Schwerionenforschung GmbH)

**Session Classification:** Tuesday Poster Session

**Track Classification:** MC4: Hadron Accelerators: MC4.A04 Circular Accelerators