

# **6th BINP-FAIR Collaboration Coordination Workshop**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Greeting from FAIR management**

*Monday, 26 April 2021 09:00 (20 minutes)*

**Presenter:** BLAUROCK, Jörg (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Plenum

Contribution ID: 2

Type: **not specified**

## **Greeting from BINP management**

*Monday, 26 April 2021 09:30 (10 minutes)*

**Presenter:** LEVICHEV, Eugene (Budker INP)

**Session Classification:** Plenum

Contribution ID: 3

Type: **not specified**

## FAIR Quality Assurance Updates

*Monday, 26 April 2021 10:20 (20 minutes)*

**Presenter:** RITSCHER, Olga (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Quality and documentation

Contribution ID: 4

Type: **not specified**

## **Updates on the PMO-QUA team for CR**

**Presenter:** PETROVA, Ekaterina (BINP SB RAS)

**Session Classification:** Quality and documentation

Contribution ID: 5

Type: **not specified**

## **BINP PMO current management for contracts**

**Presenter:** PETROVA, Ekaterina (BINP SB RAS)

**Session Classification:** Quality and documentation

Contribution ID: 6

Type: **not specified**

## QUA process optimisation

**Presenter:** PETROVA, Ekaterina (BINP SB RAS)

**Session Classification:** Quality and documentation

Contribution ID: 7

Type: **not specified**

## **Relevant QA issues for BINP-FAIR contracts**

*Monday, 26 April 2021 10:40 (10 minutes)*

**Presenter:** PETROVA, Ekaterina (BINP SB RAS)

**Session Classification:** Quality and documentation



Contribution ID: **8**

Type: **not specified**

## **BINP-FAIR-TÜV - collaboration for FAT at BINP**

*Monday, 26 April 2021 09:40 (20 minutes)*

**Presenter:** PETROVA, Ekaterina (BINP SB RAS)

**Session Classification:** BINP-FAIR-TUV Collaboration

Contribution ID: 9

Type: **not specified**

## **Steering 1 (invitation only; convener M. Marenich)**

*Monday, 26 April 2021 11:30 (1 hour)*

**Presenters:** URNER, David (Facility for Antiproton and Ion Research in Europe GmbH(FAIR)); BERKAEV, Dmitriy (BINP SB RAS); PETROVA, Ekaterina (BINP SB RAS); LEVICHEV, Eugene (Budker INP); HAGELSKAMP, Harald (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)); BLAUROCK, Jörg (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)); MARENICH, Martin (Facility for Antiproton and Ion Research in Europe GmbH(FAIR))

Contribution ID: **10**

Type: **not specified**

## **CBM magnet: cryostat, yoke, coil, struts**

*Tuesday, 27 April 2021 09:00 (45 minutes)*

**Presenter:** BRAGIN, Alexey (Budker Institute of Nuclear Physics)

**Session Classification:** CBM

Contribution ID: 11

Type: **not specified**

## **CBM magnet: yoke changes, branch box, transfer**

*Tuesday, 27 April 2021 09:45 (45 minutes)*

**Presenter:** KHOLOPOV, Mikhail (BINP)

**Session Classification:** CBM

Contribution ID: 12

Type: **not specified**

## **HEBT assembly drawings**

*Tuesday, 27 April 2021 11:55 (25 minutes)*

**Presenter:** WILL, Christina (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** HEBT

Contribution ID: 13

Type: **not specified**

## HEBT s13 steering magnet

*Tuesday, 27 April 2021 11:30 (25 minutes)*

**Presenter:** MÜHLE, Carsten (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** HEBT

Contribution ID: 14

Type: **not specified**

## **HEBT holders for vacuum chambers**

*Tuesday, 27 April 2021 12:20 (25 minutes)*

**Presenter:** URBAN, Lukas (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** HEBT

Contribution ID: 15

Type: **not specified**

## **CR magnets: Status report**

*Wednesday, 28 April 2021 08:30 (20 minutes)*

**Presenter:** STAROSTENKO, Alexandr (BINP)

**Session Classification:** Collector ring



Contribution ID: 16

Type: **not specified**

## **CR power converters: Status report**

*Wednesday, 28 April 2021 08:50 (20 minutes)*

**Presenter:** SENKOV, Dmitriy (Budker Institute of nuclear physics)

**Session Classification:** Collector ring

Contribution ID: 17

Type: **not specified**

## **CR vacuum components: Status report**

*Wednesday, 28 April 2021 09:10 (20 minutes)*

**Presenter:** KRASNOV, Alexander (BINP)

**Session Classification:** Collector ring

Contribution ID: **18**

Type: **not specified**

## **CR beam diagnostics: Status report**

*Wednesday, 28 April 2021 12:10 (20 minutes)*

**Presenter:** ROGOVSKY, Yury (BINP)

**Session Classification:** Collector ring

Contribution ID: **19**

Type: **not specified**

## **CR kicker**

**Presenter:** KASAEV, Aleksey (BINP)

**Session Classification:** Collector ring

Contribution ID: 20

Type: **not specified**

## **CR injection/extraction septum magnets: Status report**

*Wednesday, 28 April 2021 09:50 (20 minutes)*

**Presenter:** SHATUNOV, Petr (BINP)

**Session Classification:** Collector ring

Contribution ID: 21

Type: **not specified**

## **CR Shottky/BTF diagnostics**

*Wednesday, 28 April 2021 10:10 (20 minutes)*

**Presenter:** LIAKIN, Dmitry (ITEP)

**Session Classification:** Collector ring

Contribution ID: 22

Type: **not specified**

## **CR stochastic cooling status**

*Wednesday, 28 April 2021 10:50 (20 minutes)*

**Presenter:** DIMOPOULOU, Christina (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Collector ring

Contribution ID: 23

Type: **not specified**

## **CR RF debuncher status**

**Presenter:** LAIER, Ulrich (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Collector ring



Contribution ID: 24

Type: **not specified**

## **CR building planning and requirements**

*Wednesday, 28 April 2021 11:10 (40 minutes)*

**Presenter:** Mr ZIGLASCH, Thorsten (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Collector ring

Contribution ID: 25

Type: **not specified**

## **Schedule for the installation of the pBar target area and the PS01 beamline**

*Wednesday, 28 April 2021 11:50 (20 minutes)*

**Presenter:** KNIE, Klaus (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Collector ring

Contribution ID: 26

Type: **not specified**

## **CR and pBar pre-assembly BINP at TH and testing hall**

*Wednesday, 28 April 2021 09:30 (20 minutes)*

**Presenter:** REICH, Hartmut (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Collector ring

Contribution ID: 27

Type: **not specified**

## CR steering meeting

*Monday, 26 April 2021 12:30 (30 minutes)*

**Presenters:** SHWARTZ, Dmitry (BINP); KOOP, Ivan (BINP); DOLINSKY, Oleksiy (GSI Helmholtz Zentrum für Schwerionenforschung GmbH(GSI))

Contribution ID: 28

Type: **not specified**

## CR control system steering

*Wednesday, 28 April 2021 13:00 (30 minutes)*

**Presenters:** SENCHENKO, Alexander (BINP); SHWARTZ, Dmitry (BINP); KOOP, Ivan (BINP); DOLINSKYY, Oleksiy (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Contribution ID: 29

Type: **not specified**

## **Super-FRS local cryogenics: Status report**

*Thursday, 29 April 2021 09:00 (15 minutes)*

**Presenter:** PYATA, Evgeniy (Budker Institute for Nuclear Physics(BINP))

**Session Classification:** Super-FRS

Contribution ID: **30**

Type: **not specified**

## **Super-FRS special vacuum chambers**

*Thursday, 29 April 2021 09:30 (30 minutes)*

**Presenter:** KRASNOV, Alexander (BINP)

**Session Classification:** Super-FRS

Contribution ID: **31**

Type: **not specified**

## **Super-FRS open issues local cryo and vacuum**

*Thursday, 29 April 2021 10:00 (1 hour)*

**Presenter:** SIMON, Haik (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Super-FRS



Contribution ID: 32

Type: **not specified**

## **p-bar topics (TBC)**

**Presenter:** KNIE, Klaus (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Contribution ID: 33

Type: **not specified**

## Steering 2 (the usual steering participants)

*Thursday, 29 April 2021 11:15 (1 hour)*

**Presenters:** KRASNOV, Alexander (BINP); URNER, David (Facility for Antiproton and Ion Research in Europe GmbH(FAIR)); BERKAEV, Dmitriy (BINP SB RAS); PETROVA, Ekaterina (BINP SB RAS); HAGELSKAMP, Harald (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)); BLAUROCK, Jörg (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)); MARENICH, Martin (Facility for Antiproton and Ion Research in Europe GmbH(FAIR))

Contribution ID: **34**

Type: **not specified**

## **Additional discussion of CR kicker magnet system**

*Friday, 30 April 2021 09:30 (30 minutes)*

**Session Classification:** CR CDRs/TDRs

Contribution ID: 35

Type: **not specified**

## **Injection septum: questions prior to CDR**

**Presenter:** SHATUNOV, Petr (BINP)

**Session Classification:** CR CDRs/TDRs

Contribution ID: **36**

Type: **not specified**

## **CR building discussion**

*Friday, 30 April 2021 10:00 (30 minutes)*

**Presenter:** ZIGLASCH, Thorsten (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** CR CDRs/TDRs

Contribution ID: 37

Type: **not specified**

## **Spare slot - contact Sonia to book**

*Friday, 30 April 2021 10:30 (30 minutes)*

**Presenter:** Dr UTERMANN, Sonia (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** CR CDRs/TDRs

Contribution ID: **38**

Type: **not specified**

## **CR session break (chair to schedule as needed)**

*Wednesday, 28 April 2021 10:30 (20 minutes)*

**Session Classification:** Collector ring

Contribution ID: 39

Type: **not specified**

## **Wrap-up and concluding remarks (TBC)**

*Thursday, 29 April 2021 12:15 (10 minutes)*

**Presenter:** URNER, David (Facility for Antiproton and Ion Research in Europe GmbH(FAIR))

**Session Classification:** Plenum 2



Contribution ID: 40

Type: **not specified**

## End greeting 1 (TBC)

*Thursday, 29 April 2021 12:25 (5 minutes)*

**Presenter:** BLAUROCK, Jörg (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** Plenum 2

Contribution ID: 41

Type: **not specified**

## End greeting 2 (TBC)

*Thursday, 29 April 2021 12:30 (5 minutes)*

**Presenter:** BERKAEV, Dmitriy (BINP SB RAS)

**Session Classification:** Plenum 2

Contribution ID: 42

Type: **not specified**

## Update PANDA solenoid

*Tuesday, 27 April 2021 12:45 (30 minutes)*

**Presenter:** PYATA, Evgeniy (Budker Institute for Nuclear Physics(BINP))

**Session Classification:** PANDA

Contribution ID: 43

Type: **not specified**

## **HESR-PANDA Chicane Dipole Magnet: Status report, FDR review**

*Tuesday, 27 April 2021 13:15 (45 minutes)*

**Presenter:** ANTOKHIN, Evgeny (Budker Institute for Nuclear Physics(BINP))

**Session Classification:** PANDA

Contribution ID: 44

Type: **not specified**

## **HEBT optimisation quadropole magnet quad11**

*Tuesday, 27 April 2021 11:10 (20 minutes)*

**Presenter:** VOSTRIKOV, Vladimir (BINP)

**Session Classification:** HEBT

Contribution ID: 45

Type: **not specified**

## **Greeting from BINP management**

*Monday, 26 April 2021 09:20 (10 minutes)*

**Presenter:** LOGACHEV, Pavel (Budker)

**Session Classification:** Plenum

Contribution ID: 46

Type: **not specified**

## **HEBT status report**

*Tuesday, 27 April 2021 10:45 (25 minutes)*

**Presenter:** MOROZOV, Ivan (Budker Institute of Nuclear Physics)

**Session Classification:** HEBT

Contribution ID: 47

Type: **not specified**

## **End greeting - BINP director**

*Thursday, 29 April 2021 12:35 (5 minutes)*

**Presenter:** LOGACHEV, Pavel

**Session Classification:** Plenum 2



Contribution ID: 48

Type: **not specified**

## **HEBT vacuum: Status report**

**Presenter:** KRASNOV, Alexander (BINP)

**Session Classification:** HEBT

Contribution ID: 49

Type: **not specified**

## **Power Supply and Energy Extraction System for the PANDA Solenoid: Status Report**

*Tuesday, 27 April 2021 14:00 (15 minutes)*

**Presenter:** EROKHIN, Alexandr (Budker Institute for Nuclear Physics(BINP))

**Session Classification:** PANDA

Contribution ID: 50

Type: **not specified**

## **Status of Production of the PANDA Solenoid Magnet**

*Tuesday, 27 April 2021 14:15 (20 minutes)*

**Presenter:** PYATA, Evgeniy (Budker Institute for Nuclear Physics(BINP))

**Session Classification:** PANDA

Contribution ID: 51

Type: **not specified**

## **Branch Box Conceptual design**

*Thursday, 29 April 2021 09:15 (15 minutes)*

**Presenter:** PIVOVAROV, Sergey (Budker Institute for Nuclear Physics(BINP))

**Session Classification:** Super-FRS