

1st PhD Science Day @ GSI 2013

Report of Contributions

Contribution ID: 0

Type: **not specified**

Spirit of PhD Science Day @ GSI

Monday, 26 August 2013 14:00 (5 minutes)

Presenter: REPRESENTATIVE, Helmholtz Juniors

Session Classification: Welcome

Contribution ID: 1

Type: **not specified**

Few words of Motivation

Monday, 26 August 2013 14:20 (5 minutes)

Presenter: Prof. SENGER, Peter (Board of FAIR Collaborations)

Session Classification: Welcome

Contribution ID: 2

Type: **not specified**

Contribution & Achievements of GSI in Science

Monday, 26 August 2013 14:25 (20 minutes)

Presenter: Dr STURM, Christian (GSI, Darmstadt)

Session Classification: Overview and Prospects

Contribution ID: 3

Type: **not specified**

Sharing Experience-1

Monday, 26 August 2013 15:15 (5 minutes)

Presenter: Dr SEDDIKI, Selim (GSI Darmstadt)

Session Classification: Information Exchange

Contribution ID: 4

Type: **not specified**

Sharing Experience-2

Monday, 26 August 2013 15:20 (5 minutes)

Presenter: Dr YOUCEF, Samir Amar (Goethe University Frankfurt am Main)

Session Classification: Information Exchange

Contribution ID: 5

Type: **not specified**

Sharing Experience-3

Monday, 26 August 2013 15:25 (5 minutes)

Presenter: Dr GALATYUK, Tetyana (GSI Darmstadt and FIAS Frankfurt)

Session Classification: Information Exchange

Contribution ID: 6

Type: **not specified**

Sharing Experience-4

Monday, 26 August 2013 15:30 (5 minutes)

Presenter: Dr PETERSON, Hannah (FIAS Frankfurt)

Session Classification: Information Exchange

Contribution ID: 7

Type: **not specified**

Sharing Experience-5

Monday, 26 August 2013 15:35 (5 minutes)

Presenter: Dr GUMBERIDZE, Malgorzata (HADES-GSI Darmstadt and TU Darmstadt)

Session Classification: Information Exchange

Contribution ID: 8

Type: **not specified**

Future FAIR facility

Monday, 26 August 2013 14:45 (10 minutes)

Presenter: Dr LEHMANN, Inti (FAIR GmbH, Darmstadt)

Session Classification: Overview and Prospects

Contribution ID: 9

Type: **not specified**

Introductory Speech to PhD Students' Science Day

Monday, 26 August 2013 14:05 (15 minutes)

Presenter: Prof. LANGANKE, Karlheinz (Head of Research Division, GSI Darmstadt)

Session Classification: Welcome

Contribution ID: **10**

Type: **not specified**

ALICE-01-Low-mass dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: KOEHLER, Markus (ALICE-GSI Darmstadt)

Session Classification: Poster Session

Contribution ID: 11

Type: **not specified**

ALICE-02-Electrons from HF hadron decays in p-Pb collisions at $\sqrt{s(NN)} = 5.02$ TeV with ALICE at the LHC

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: WAGNER, Jan (ALICE-GSI Darmstadt)

Session Classification: Poster Session

Contribution ID: 12

Type: **not specified**

AcceleratorPhysik-01-Iron-free high current pulsed air-core coil quadrupoles

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Ms TENHOLT, Carmen (FAIR@GSI, GSI Darmstadt and Goethe University, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 13

Type: **not specified**

AcceleratorPhysik-02- Poster on magnets for SIS 100/300

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr SZWANGRUBER, Piotr (FAIR@GSI and TU Darmstadt)

Session Classification: Poster Session

Contribution ID: 14

Type: **not specified**

CBM-STS-01-The Silicon Tracking System of the CBM experiment at FAIR – overview and development progress –

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr SOROKIN, Iurii (CBM-GSI Darmstadt and Goethe University Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 15

Type: **not specified**

CBM-STS-02-Systematic Characterization & Quality Assurance of Silicon Microstrip Sensors for the Silicon Tracking System at the CBM Experiment @ FAIR

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr GHOSH, Pradeep (CBM-GSI Darmstadt and Goethe University Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 16

Type: **not specified**

CBM-MVD-01-Radiation Tolerance of CMOS Sensors

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr DOERING, Dennis (CBM-GSI, Darmstadt and Goethe University, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 17

Type: **not specified**

CBM-MVD-02-

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr BORISLAV, Milanovic (CBM-GSI Darmstadt and Goethe University, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: **18**

Type: **not specified**

CBM-MVD-03-Mechanical Integration of the Prototype of the CBM Micro Vertex Detector

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr TISCHLER, Tobias (CBM-GSI Darmstadt and Goethe University, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 19

Type: **not specified**

AtomPhysik-01-Development of a Transversely Sensitive Resonator as a Schottky Noise Detector for CR at FAIR

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr XIANGCHEN, Chen (EMMI-GSI Darmstadt and Ruprecht-Karls-University, Heidelberg)

Session Classification: Poster Session

Contribution ID: 20

Type: **not specified**

AtomPhysik-02-Laser Spectroscopy of Transfermium Elements in a Buffer-gas Cell

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: LAUTENSCHLAEGER, Felix (AtomPhysik-GSI Darmstadt and TU Darmstadt)

Session Classification: Poster Session

Contribution ID: 21

Type: **not specified**

AtomPhysik-03-Direct mass measurements of ^{58}Ni projectile fragments at CSRe

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: YAN, Xinliang (AtomPhysik-GSI Darmstadt, Max-Planck-Institute for Nuclear Physics, Germany and Chinese Academy of Sciences, China)

Session Classification: Poster Session

Contribution ID: 22

Type: **not specified**

NUSTAR-01-Analysis of the ^{104}Sn experiment at PreSPEC

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: GUASTALLA, Guilia (GammaSpectroscopy-GSI Darmstadt and TU Darmstadt)

Session Classification: Poster Session

Contribution ID: 23

Type: **not specified**

HADES-01-Systematics of pi(0) and eta(0) decays in the Au+Au beam time of HADES

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Ms BEHNKE, Claudia (HADES-GSI Darmstadt and Goethe University, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 24

Type: **not specified**

HADES-02-Probing the EOS with HADES?

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Ms SCHULDES, Heidi (HADES-GSI Darmstadt and Goethe-Universität, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 25

Type: **not specified**

PANDA-01-Optical Properties of Radiators for the PANDA Barrel DIRC

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr KALICY, Grzegorz (HadronPhysik1-GSI Darmstadt)

Session Classification: Poster Session

Contribution ID: 26

Type: **not specified**

PANDA-02-A Barrel DIRC using radiator plates

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr ZUEHLSDORF, Marko (HadronPhysik1-GSI Darmstadt and Goethe University, Frankfurt am Main)

Session Classification: Poster Session

Contribution ID: 27

Type: **not specified**

Material-01-Fatigue Behaviour of the Graphite Exposed to Heavy Ion Beams

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr HUBERT, Christian (MaterialForshung-GSI Darmstadt and TU Darmstadt)

Session Classification: Poster Session

Contribution ID: 28

Type: **not specified**

Material-02-Ion Track Technology and Nanostructuring

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Ms KRIEG, Janina (MaterialForschung-GSI Darmstadt)

Session Classification: Poster Session

Contribution ID: 29

Type: **not specified**

Theory-01-Operator representation for effective realistic interactions

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Dr WEBER, Dennis (Theory-GSI Darmstadt)

Session Classification: Poster Session

Contribution ID: **30**

Type: **not specified**

PlasmaPhysik-01-LIGHT and beyond

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: BUSOLD, Simon (PlasmaPhysik-GSI Darmstadt and TU Darmstadt)

Session Classification: Poster Session

Contribution ID: 31

Type: **not specified**

PlasmaPhysik-02-The detector for the PRIOR proton microscope

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr LANG, Philipp-Michael (PlasmaPhysik-GSI Darmstadt and TU Darmstadt)

Session Classification: Poster Session

Contribution ID: 32

Type: **not specified**

NUSTAR-03-FRS Ion Catcher: Setup, Status and Perspectives

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: REITER, Moritz Pascal (FRS/SFRS-GSI Darmstadt and Justus Liebig Universität Giessen)

Session Classification: Poster Session

Contribution ID: 33

Type: **not specified**

NUSTAR-02-A New Approach to Isobar Separation and Mass Measurements of Low Energy Radioactive Ion Beams

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: EBERT, Jens (KernPhysik-GSI Darmstadt and Justus Liebig Universität, Giessen)

Session Classification: Poster Session

Contribution ID: 34

Type: **not specified**

NUSTAR-04-Experimental Search for η' Mesic Nuclei with the (p,d) Reaction at GSI and FAIR

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Ms TANAKA, Yoshika (FRS/SFRs-GSI Darmstadt and University of Tokyo, Japan)

Session Classification: Poster Session

Contribution ID: 35

Type: **not specified**

AcceleratorPhysik-03- Intensity Dependent Effects in Heavy Ion Synchrotrons

Monday, 26 August 2013 15:40 (1h 10m)

Presenter: Mr GOERGEN, Paul (FAIR@GSI Darmstadt and TU Darmstadt)

Session Classification: Poster Session