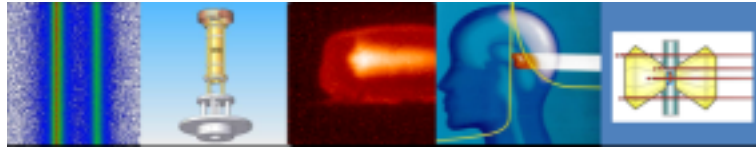


APPA R&D Collaboration Meeting



Report of Contributions

Contribution ID: 0

Type: **not specified**

Development of an Imaging X-Ray Spectrometer for Plasma Physics Experiments in the APPA Cave

Friday, 13 January 2017 14:30 (20 minutes)

Presenter: KHAGHANI, Dimitri

Contribution ID: 1

Type: **not specified**

Laser Cooling at HESR and SIS 100: Status and Next Steps

Thursday, 12 January 2017 17:40 (20 minutes)

Presenter: BUSSMANN, Michael (Helmholtz-Zentrum Dresden - Rossendorf)

Contribution ID: 2

Type: **not specified**

SiM-X: Silicon Microcalorimeters – Status and Perspectives

Friday, 13 January 2017 11:30 (20 minutes)

Presenter: KRAFT-BERMUTH, Saskia (GSI, Darmstadt)

Contribution ID: 3

Type: **not specified**

Fluorescence Detectors for Laser Spectroscopy and Precision HV Measurements at CRYRING

Thursday, 12 January 2017 18:20 (20 minutes)

Presenter: WINZEN, Daniel (Institut für Kernphysik, WWU Münster)

Contribution ID: 4

Type: **not specified**

Electron-Target Developments for CRYRING

Thursday, 12 January 2017 18:40 (20 minutes)

Presenter: BRANDAU, Carsten (GSI, Darmstadt)

Contribution ID: 5

Type: **not specified**

Electron-Positron Pair Production in Strong Fields

Friday, 13 January 2017 10:20 (20 minutes)

Presenter: BLINNE, Alexander (Theoretisch-Physikalisches Institut Jena)

Contribution ID: 6

Type: **not specified**

Status of CRYRING

Thursday, 12 January 2017 14:30 (20 minutes)

Presenter: LESTINSKY, Michael (GSI, Darmstadt)

Contribution ID: 7

Type: **not specified**

Atomic Fragmentation Dynamics Studied in Ion Storage Rings

Thursday, 12 January 2017 15:50 (20 minutes)

Presenter: FISCHER, Daniel (Max-Planck-Institut für Kernphysik)

Contribution ID: 8

Type: **not specified**

First Experiments with the Heidelberg Cryogenic Electrostatic Storage Ring CSR

Thursday, 12 January 2017 14:50 (20 minutes)

Presenter: NOVOTNY, Oldrich (Max Planck Institute for Nuclear Physics)

Contribution ID: 9

Type: **not specified**

Addressing Material Challenges at High-Power Accelerators

Friday, 13 January 2017 09:40 (20 minutes)

Presenter: TOMUT, Marilena (GSI, Darmstadt)

Contribution ID: **10**

Type: **not specified**

Charged-Particle-Induced Reactions for Astrophysics: from ESR to CRYRING

Friday, 13 January 2017 11:10 (20 minutes)

Presenter: SLAVKOVSKA, Zuzana (Goethe-Universität Frankfurt(Uffm-IAP))

Contribution ID: 11

Type: **not specified**

Laser Spectroscopy at the ESR, CRYRING and SPECTRAP

Thursday, 12 January 2017 18:00 (20 minutes)

Presenter: NOERTERSHAEUSER, Wilfried (TU Darmstadt)

Contribution ID: 14

Type: **not specified**

APPA R&D Business

Friday, 13 January 2017 15:10 (20 minutes)

Presenter: SCHIPPERS, Stefan (JLU Giessen)

Contribution ID: 15

Type: **not specified**

Welcome

Thursday, 12 January 2017 14:00 (10 minutes)

Presenters: TRAUTMANN, Christina (GSI, Darmstadt); SCHIPPERS, Stefan (JLU Giessen); STÖHLKER, Thomas (GSI, Darmstadt); BAGNOUD, Vincent (GSI, Darmstadt)

Contribution ID: 16

Type: **not specified**

Hard X-Ray and Particle Diagnostics for Day-One Experiments at FAIR

Thursday, 12 January 2017 17:20 (20 minutes)

Presenter: SANDER, Steffen (IKP, TU Darmstadt)

Contribution ID: 17

Type: **not specified**

Development of an Actively Cooled Glass Amplifier at PHELIX

Friday, 13 January 2017 13:50 (20 minutes)

Presenter: PATRIZIO, Marco

Contribution ID: **18**

Type: **not specified**

Mass Spectrometric Investigation of Material Sputtered Under Swift Heavy-Ion Bombardment

Friday, 13 January 2017 09:20 (20 minutes)

Presenter: WUCHER, Andreas (University Duisburg-Essen)

Contribution ID: 19

Type: **not specified**

Irradiation Damage: The Role of Kinetic and Potential Energy

Friday, 13 January 2017 09:00 (20 minutes)

Presenter: SCHLEBERGER, Marika (Universität Duisburg-Essen)

Contribution ID: 20

Type: **not specified**

Optical Beam Diagnostics – A Status Report

Friday, 13 January 2017 13:30 (20 minutes)

Presenter: ULRICH, Andreas (TU-München, Physik-Department E12)

Contribution ID: 21

Type: **not specified**

X-Ray Spectroscopy with Electron Beam Ion Traps at Ultrabright Light Sources

Thursday, 12 January 2017 15:30 (20 minutes)

Presenter: BERNITT, Sven (IOQ, FSU Jena)

Contribution ID: 22

Type: **not specified**

Pre-Studies for a Diode Pumped Regenerative Amplifier as Frontend for High Energy Nd:Glass Lasers

Friday, 13 January 2017 14:10 (20 minutes)

Presenter: KÖRNER, Jörg (Institute of Optics and Quantum Electronics)

Contribution ID: 23

Type: **not specified**

Effect of Swift Heavy Ions on Hydrogen-Terminated Si(001)

Friday, 13 January 2017 10:00 (20 minutes)

Presenter: DÜRR, Michael (Justus-Liebig-Universität Gießen(JULGi))

Contribution ID: 24

Type: **not specified**

Development and Optimization of X-ray Diagnostics for High-Energy-Density Relevant Experiments at FAIR

Friday, 13 January 2017 14:50 (20 minutes)

Presenter: SCHÖNLEIN, Andreas (Goethe-Universität Frankfurt(UFfm))

Contribution ID: 25

Type: **not specified**

VUV Fluorescence Spectrometry at Heavy-Ion Storage Rings

Friday, 13 January 2017 12:10 (20 minutes)

Presenter: Mr REIß, Philipp (Universität Kassel(UNI-Kassel))

Contribution ID: 27

Type: **not specified**

Status of the Plasma Physics Experiments in the APPA Cave

Thursday, 12 January 2017 15:10 (20 minutes)

Presenter: BLAZEVIC, Abel (GSI, Darmstadt)

Contribution ID: 28

Type: **not specified**

maXs: Micro-Calorimeter Arrays for High Resolution X-Ray Spectroscopy at ESR, CRYRING and EBITs

Friday, 13 January 2017 11:50 (20 minutes)

Presenter: FLEISCHMANN, Andreas (Uni Heidelberg)

Contribution ID: 29

Type: **not specified**

News from FAIR

Thursday, 12 January 2017 16:10 (20 minutes)

Presenter: GIUBELLINO, Paolo (FAIR/GSI)

Contribution ID: **30**

Type: **not specified**

News from BMBF and PT-DESY

Thursday, 12 January 2017 14:10 (20 minutes)

Presenter: EHRENFELD, Wolfgang (PT-DESY)

Contribution ID: **31**

Type: **not specified**

Dynamics of an Ion Immersed in an Ultracold Buffer Gas

Thursday, 12 January 2017 17:00 (20 minutes)

Presenter: WEIDEMÜLLER, Matthias (Universität Heidelberg)