

Workshop on AP Physics Program

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and Introduction

Thursday, 24 May 2018 09:30 (30 minutes)

Presenter: STÖHLKER, Thomas (GSI, Darmstadt)

Contribution ID: 1

Type: **not specified**

Hyperfine Spectroscopy

Thursday, 24 May 2018 10:00 (20 minutes)

Presenter: SÁNCHEZ ALARCÓN, Rodolfo Marcelo (GSI, Darmstadt)

Session Classification: Physics Cases

Contribution ID: 2

Type: **not specified**

G-factor Measurements

Thursday, 24 May 2018 10:20 (20 minutes)

Presenter: QUINT, Wolfgang (GSI, Darmstadt)

Session Classification: Physics Cases

Contribution ID: 3

Type: **not specified**

Channeling

Thursday, 24 May 2018 10:40 (20 minutes)

Presenter: BRÄUNING-DEMIAN, Angela (GSI, Darmstadt)

Session Classification: Physics Cases

Contribution ID: 4

Type: **not specified**

1s Lamb Shift

Thursday, 24 May 2018 11:20 (20 minutes)

Presenter: GUMBERIDZE, Alexandre (GSI, Darmstadt)

Session Classification: Physics Cases

Contribution ID: 5

Type: **not specified**

Adiabatic Collisions

Thursday, 24 May 2018 11:40 (20 minutes)

Presenter: HILLENBRAND, Pierre-Michel (GSI, Darmstadt)

Session Classification: Physics Cases

Contribution ID: 6

Type: **not specified**

DR CRYRING

Thursday, 24 May 2018 12:00 (20 minutes)

Presenter: SCHIPPERS, Stefan (JLU Giessen)

Session Classification: Physics Cases

Contribution ID: 7

Type: **not specified**

Atom. & Molec. Astrophysics

Thursday, 24 May 2018 12:20 (20 minutes)

Presenter: BERNITT, Sven (IOQ, FSU Jena)

Session Classification: Physics Cases

Contribution ID: 8

Type: **not specified**

Nuclear Astrophysics

Thursday, 24 May 2018 12:40 (20 minutes)

Presenter: SIDHU, Ragandeep Singh (GSI)

Session Classification: Physics Cases

Contribution ID: 9

Type: **not specified**

ESR

Thursday, 24 May 2018 14:30 (30 minutes)

Presenter: LITVINOV, Yury (GSI, Darmstadt)

Session Classification: Facilities

Contribution ID: **10**

Type: **not specified**

CRYRING

Thursday, 24 May 2018 15:00 (30 minutes)

Presenter: LESTINSKY, Michael (GSI, Darmstadt)

Session Classification: Facilities

Contribution ID: 11

Type: **not specified**

HITRAP (incl. new cooling trap)

Thursday, 24 May 2018 16:00 (30 minutes)

Presenter: HERFURTH, Frank (GSI, Darmstadt)

Session Classification: Facilities

Contribution ID: 12

Type: **not specified**

HESR

Thursday, 24 May 2018 16:30 (30 minutes)

Presenter: KALININ, Anton (GSI, Darmstadt)

Session Classification: Facilities

Contribution ID: 13

Type: **not specified**

Ion Beam Preparation (isotopes & isomers)

Thursday, 24 May 2018 17:30 (30 minutes)

Presenter: BRANDAU, Carsten (GSI, Darmstadt)

Session Classification: Topics

Contribution ID: 14

Type: **not specified**

Astrophysically Relevant Alpha Capture Reaction Rates at CRYRING

Thursday, 24 May 2018 18:00 (15 minutes)

Presenter: FORSTNER, Oliver

Session Classification: Topics

Contribution ID: 15

Type: **not specified**

Traps: Introduction and Overview

Friday, 25 May 2018 09:00 (15 minutes)

Presenter: VOGEL, Manuel (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 16

Type: **not specified**

Status of the ARTEMIS experiment

Friday, 25 May 2018 09:15 (15 minutes)

Presenter: GUO, Zhexi

Session Classification: Projects

Contribution ID: 17

Type: **not specified**

ARTEMIS: Ion Cooling Results, Ion Liquids

Friday, 25 May 2018 09:30 (15 minutes)

Presenter: EBRAHIMI, Sadegh (s.ebrahimi@gsi.de)

Session Classification: Projects

Contribution ID: **18**

Type: **not specified**

SpecTrap: Ion Crystals

Friday, 25 May 2018 09:45 (15 minutes)

Presenter: VOGEL, Manuel (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 19

Type: **not specified**

HILITE: Setup and Commissioning Results

Friday, 25 May 2018 10:00 (15 minutes)

Presenter: STALLKAMP, Nils Simon

Session Classification: Projects

Contribution ID: 20

Type: **not specified**

Laser Projects with HILITE

Friday, 25 May 2018 10:15 (15 minutes)

Presenter: RINGLEB, Stefan (Friedrich-Schiller-Universität Jena)

Session Classification: Projects

Contribution ID: 21

Type: **not specified**

Lasers: Current developments

Friday, 25 May 2018 11:00 (15 minutes)

Presenter: MOHR, Konstantin (Technische Universität Darmstadt)

Session Classification: Projects

Contribution ID: 22

Type: **not specified**

Electron Spectroscopy: Current developments

Friday, 25 May 2018 11:15 (15 minutes)

Presenter: HILLENBRAND, Pierre-Michel (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 23

Type: **not specified**

Electron Targets: Current developments

Friday, 25 May 2018 11:30 (15 minutes)

Presenter: BOROWIK, Alexander (JLU Gießen)

Session Classification: Projects

Contribution ID: 24

Type: **not specified**

X-Ray Spectroscopy: Current developments

Friday, 25 May 2018 11:45 (15 minutes)

Presenter: WEBER, Günter (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 25

Type: **not specified**

Targets

Friday, 25 May 2018 12:00 (15 minutes)

Presenter: PETRIDIS, Nikolaos (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 26

Type: **not specified**

Capture Cross-Sections for Decelerated HCI

Friday, 25 May 2018 12:15 (15 minutes)

Presenter: KRÖGER, Felix (Friedrich-Schiller-Universität Jena (FSU-IOQ))

Session Classification: Projects

Contribution ID: 27

Type: **not specified**

Micro-Calorimeters

Friday, 25 May 2018 14:00 (15 minutes)

Presenter: HERDRICH, Marc Oliver (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 28

Type: **not specified**

Imaging Devices (DSSD)

Friday, 25 May 2018 14:15 (15 minutes)

Presenter: VOCKERT, Marco (Friedrich-Schiller-Universität Jena(FSU-IOQ))

Session Classification: Projects

Contribution ID: 29

Type: **not specified**

Scintillator based particle detector for CRYRING

Friday, 25 May 2018 14:30 (15 minutes)

Presenter: HAHN, Christoph (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: **30**

Type: **not specified**

Sec. electron particle detector for CRYRING

Friday, 25 May 2018 14:45 (15 minutes)

Presenter: MENZ, Esther (HIJ)

Session Classification: Projects

Contribution ID: **31**

Type: **not specified**

Schottky Detectors

Friday, 25 May 2018 15:00 (15 minutes)

Presenter: SANJARI, Shahab (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 32

Type: **not specified**

Topic: Data Readout, Analysis, and Management

Friday, 25 May 2018 15:15 (20 minutes)

Presenter: SPILLMANN, Uwe (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: 33

Type: **not specified**

EBIT/S

Friday, 25 May 2018 16:00 (20 minutes)

Presenter: TROTSENKO, Sergiy (GSI, Darmstadt)

Session Classification: Projects

Contribution ID: **34**

Type: **not specified**

Open discussion

Friday, 25 May 2018 16:20 (40 minutes)

Session Classification: Projects