

NUSTAR Annual Meeting 2012



Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening

Wednesday, 29 February 2012 09:00 (5 minutes)

Presenter: Prof. NILSSON, Thomas

Session Classification: Plenary

Contribution ID: 1

Type: **not specified**

Welcome by GSI directorate

Wednesday, 29 February 2012 09:05 (10 minutes)

Presenter: Prof. LANGANKE, Karlheinz (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 2

Type: **not specified**

FAIR-Status of the Organisation

Wednesday, 29 February 2012 09:15 (25 minutes)

Presenter: ROSNER, Günther (FAIR GmbH)

Session Classification: Plenary

Contribution ID: 3

Type: **not specified**

Isomer Physics with stored ions

Wednesday, 29 February 2012 10:00 (25 minutes)

Presenter: WALKER, Phil (University of Surrey, UK)

Session Classification: Plenary

Contribution ID: 4

Type: **not specified**

Calorimetric low temperature detectors for applications in atomic and nuclear physics

Wednesday, 29 February 2012 11:40 (25 minutes)

Presenter: EGELHOF, Peter (GSI Darmstadt)

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Predictive power of nuclear theories: Strengthening the links theory-experiments

Wednesday, 29 February 2012 14:20 (25 minutes)

Presenter: DUDEK, Jerzy (IPHC - CNRS/UdS Strasbourg, France)

Session Classification: Plenary

Contribution ID: 6

Type: **not specified**

Latest developments for ring experiments at FAIR and GSI

Wednesday, 29 February 2012 11:15 (25 minutes)

Presenter: STÖHLKER, Thomas (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 7

Type: **not specified**

FAIR Experiments

Wednesday, 29 February 2012 09:40 (20 minutes)

Presenter: ROSNER, Günther (FAIR GmbH, Germany)

Session Classification: Plenary

Contribution ID: 8

Type: **not specified**

Research at SHIP-Status and perspectives

Wednesday, 29 February 2012 13:30 (25 minutes)

Presenter: HEINZ, Sophie (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 9

Type: **not specified**

Physics experiments with the S3 spectrometer

Wednesday, 29 February 2012 13:55 (25 minutes)

Presenter: SAVAJOLS, Herve (GANIL, France)

Session Classification: Plenary

Contribution ID: **10**

Type: **not specified**

100Sn RISING Results

Wednesday, 29 February 2012 15:35 (25 minutes)

Presenter: FAESTERMANN, Thomas (TU, München, Germany)

Session Classification: Plenary

Contribution ID: 11

Type: **not specified**

R3B recent developments

Wednesday, 29 February 2012 10:50 (25 minutes)

Presenter: SCHEIT, Heiko (TU Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 12

Type: **not specified**

TRIGA-SPEC: Double-beta transition Q-value measurements with TRIGA-TRAP

Wednesday, 29 February 2012 14:45 (25 minutes)

Presenter: SMORRA, Christian (Institut für Kernchemie, Universität Mainz, Germany)

Session Classification: Plenary

Contribution ID: 13

Type: **not specified**

Coulomb breakup of ^{17}Ne -from the view point of nuclear astrophysics

Wednesday, 29 February 2012 15:10 (25 minutes)

Presenter: MARGANIEC, Justyna (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 14

Type: **not specified**

Nuclear excitation in non-thermal sources

Wednesday, 29 February 2012 16:30 (25 minutes)

Presenter: MANNHEIM, Karl (University of Würzburg, Germany)

Session Classification: Plenary

Contribution ID: 15

Type: **not specified**

Explosive nucleosynthesis of heavy elements

Wednesday, 29 February 2012 16:55 (25 minutes)

Presenter: MARTINEZ, Gabriel (TU Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 16

Type: **not specified**

Cosmic Radioactivity

Wednesday, 29 February 2012 17:20 (25 minutes)

Presenter: DIEHL, Roland (MPI Garching, Germany)

Session Classification: Plenary

Contribution ID: 17

Type: **not specified**

Stellar lifetimes of supernova isotopes

Wednesday, 29 February 2012 17:45 (25 minutes)

Presenter: DILLMANN, Iris (University of Giessen, Germany)

Session Classification: Plenary

Contribution ID: **18**

Type: **not specified**

Astrophysics at R3B

Wednesday, 29 February 2012 18:10 (25 minutes)

Presenter: REIFARTH, Rene (University of Frankfurt, Germany)

Session Classification: Plenary

Contribution ID: 19

Type: **not specified**

Latest results and the future of Fermi space-based gamma-ray astrophysics

Wednesday, 29 February 2012 18:35 (25 minutes)

Presenter: AJELLO, Marco (Stanford University, US)

Session Classification: Plenary

Contribution ID: **20**

Type: **not specified**

Welcome

Thursday, 1 March 2012 09:00 (5 minutes)

Session Classification: Plenary

Contribution ID: 21

Type: **not specified**

Spectroscopy in neutron-rich Pb nuclei using RISING

Thursday, 1 March 2012 09:05 (25 minutes)

Presenter: VALIENTE, Javier (INFN-LNL, Italy)

Session Classification: Plenary

Contribution ID: 22

Type: **not specified**

Gorkov-Green function approach for mid mass isotopes, toward ab-initio studies of single-particle spectroscopy for open shells

Thursday, 1 March 2012 09:30 (25 minutes)

Presenter: BARBIERI, Carlo (University of Surrey, United Kingdom)

Session Classification: Plenary

Contribution ID: 23

Type: **not specified**

Status of NUSTAR

Thursday, 1 March 2012 09:55 (15 minutes)

Presenter: NILSSON, Thomas (Chalmers University of Technology, Sweden)

Session Classification: Plenary

Contribution ID: 24

Type: **not specified**

PreSpec in-beam summary

Thursday, 1 March 2012 10:40 (25 minutes)

Presenter: REITER, Peter (University of Cologne, Germany)

Session Classification: Plenary

Contribution ID: 25

Type: **not specified**

TSR@ISOLDE : A storage ring facility at HIE-ISOLDE

Thursday, 1 March 2012 11:05 (25 minutes)

Presenter: BLAUM, Klaus (MPIK Heidelberg, Germany)

Session Classification: Plenary

Contribution ID: 26

Type: **not specified**

Production of neutron-rich isotopes at the FRS

Thursday, 1 March 2012 11:30 (25 minutes)

Presenter: KURCEWICZ, Jan (CERN, Switzerland)

Session Classification: Plenary

Contribution ID: 27

Type: **not specified**

AGATA at LNL

Thursday, 1 March 2012 11:55 (25 minutes)

Presenter: FARNEA, Enrico (INFN-LNL, Italy)

Session Classification: Plenary

Contribution ID: 28

Type: **not specified**

Unbound Be

Thursday, 1 March 2012 13:30 (25 minutes)

Presenter: SIMON, Haik (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 29

Type: **not specified**

FRS ion catcher:First results and future perspective

Thursday, 1 March 2012 13:55 (20 minutes)

Presenter: PLAß, Wolfgang (University of Giessen, Germany)

Session Classification: Plenary

Contribution ID: **30**

Type: **not specified**

Quasifree scattering on 12C

Thursday, 1 March 2012 14:15 (20 minutes)

Presenter: PANIN, Valerii (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: **31**

Type: **not specified**

Fast timing experiments

Thursday, 1 March 2012 14:35 (20 minutes)

Presenter: FRAILE, Luis (Universidad Complutense de Madrid, Spain)

Session Classification: Plenary

Contribution ID: 32

Type: **not specified**

The SOFIA experiment, 1st step of the new experimental program on nuclear fission

Thursday, 1 March 2012 14:55 (20 minutes)

Presenter: TAIEB, Julien (CEA Bruyeres le Chatel, France)

Session Classification: Plenary

Contribution ID: 33

Type: **not specified**

60 years of nuclear shell model - paradigm, achievement and future

Thursday, 1 March 2012 16:45 (40 minutes)

Presenter: OTSUKA, Takaharu (University of Tokyo/RIKEN)

Session Classification: Plenary-GENCO AWARD CEREMONY

Contribution ID: 34

Type: **not specified**

Three nucleon forces and neutron rich nuclei

Friday, 2 March 2012 09:00 (25 minutes)

Presenter: SCHWENK, Achim (TU Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 35

Type: **not specified**

EURICA project

Friday, 2 March 2012 09:25 (20 minutes)

Presenter: NISHIMURA, Shunji (RIKEN, Japan)

Session Classification: Plenary

Contribution ID: **36**

Type: **not specified**

Super-FRS status

Friday, 2 March 2012 09:45 (25 minutes)

Presenter: WINKLER, Martin (GSI Darmstadt, Germany)

Session Classification: Plenary

Contribution ID: 37

Type: **not specified**

Fingerprinting superheavy elements with TASIpec

Friday, 2 March 2012 11:50 (25 minutes)

Presenter: RUDOLPH, Dirk (Lund University, Sweden)

Session Classification: Plenary

Contribution ID: **38**

Type: **not specified**

Clustering in light nuclei from a microscopic approach

Friday, 2 March 2012 11:05 (25 minutes)

Presenter: FORSSEN, Christian (Chalmers University of Technology, Sweden)

Session Classification: Plenary

Contribution ID: 39

Type: **not specified**

Ring experiments for NUSTAR

Friday, 2 March 2012 11:30 (20 minutes)

Presenter: KALANTAR, Nasser (KVI, University of Groningen, The Netherlands)

Session Classification: Plenary

Contribution ID: 40

Type: **not specified**

TAS and neutron detector experiment with DESPEC

Friday, 2 March 2012 10:10 (25 minutes)

Presenter: TAIN, Jose L. (IFIC Valencia, Spain)

Session Classification: Plenary

Contribution ID: 41

Type: **not specified**

TASCA experiments with a 50Ti beam: First results

Friday, 2 March 2012 12:15 (25 minutes)

Presenter: KHUYAGBAATAR, Jadambaa

Session Classification: Plenary