

Workshop on High Energy Density Physics Opportunities at FAIR

Report of Contributions

Contribution ID: 1

Type: **not specified**

Status of the FAIR project and GSI HED facilities

Friday, 18 November 2022 10:00 (30 minutes)

Presenter: BAGNOUD, Vincent (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Session Classification: Welcome and Introduction

Contribution ID: 2

Type: **not specified**

The FAIR phase-0 program at GSI/HHT (2021-2025)

Friday, 18 November 2022 10:30 (30 minutes)

Presenter: NEUMAYER, Paul (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Session Classification: Welcome and Introduction

Contribution ID: 3

Type: **not specified**

HEDP Infrastructure at the APPA cave

Friday, 18 November 2022 11:00 (15 minutes)

Presenter: NEFF, Stephan (Facility for Antiproton and Ion Research in Europe GmbH(FAIR))

Session Classification: Welcome and Introduction

Contribution ID: 4

Type: **not specified**

The LIGHT beamline at GSI

Friday, 18 November 2022 11:15 (15 minutes)

Presenter: BLAZEVIC, Abel (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Session Classification: Welcome and Introduction

Contribution ID: 5

Type: **not specified**

Ion Stopping Power in extreme states of matter @ FAIR

Friday, 18 November 2022 12:00 (30 minutes)

Presenter: VOLPE, Luca

Session Classification: Session 1

Contribution ID: 6

Type: **not specified**

Overview of activities at the Laser Laboratory for Acceleration and Applications (L2A2)

Friday, 18 November 2022 12:30 (20 minutes)

Presenter: ALEJO, Aarón

Session Classification: Session 1

Contribution ID: 7

Type: **not specified**

Flexible Non-LTE atomic-kinetics and detailed Stark-broadened lines profiles for spectroscopic characterization of high-energy-density plasmas

Friday, 18 November 2022 12:50 (20 minutes)

Presenter: FLORIDO, Ricardo

Session Classification: Session 1

Contribution ID: 8

Type: **not specified**

High energy density physics research at the UCLM

Friday, 18 November 2022 13:10 (20 minutes)

Presenter: PIRIZ, Antonio Roberto (University of Castilla-La Mancha)

Session Classification: Session 1

Contribution ID: 9

Type: **not specified**

Shock waves dynamics for arbitrary equations of state. A theoretical description

Friday, 18 November 2022 15:00 (20 minutes)

Presenter: HUETE RUIZ DE LIRA, César

Session Classification: Session 2

Contribution ID: **10**

Type: **not specified**

HEDM-related research of UPM at FAIR

Friday, 18 November 2022 15:20 (20 minutes)

Presenter: HONRUBIA, Javier (Polytechnic University of Madrid)

Session Classification: Session 2

Contribution ID: 11

Type: **not specified**

Standardization of metrology for laser plasma experiments and laser based secondary sources

Friday, 18 November 2022 15:40 (20 minutes)

Presenter: Dr EHRET, Michael (CLPU)

Session Classification: Session 2