

EMMI Physics Days

Report of Contributions

Contribution ID: **0**

Type: **not specified**

Welcome - Status of EMMI

Thursday, 4 November 2010 09:30 (10 minutes)

Contribution ID: 1

Type: **not specified**

The strong interaction at neutron-rich extremes

Thursday, 4 November 2010 09:40 (45 minutes)

Presenter: Prof. SCHWENK, Achim (TU Darmstadt)

Contribution ID: 2

Type: **not specified**

Structure and Dynamics of Highly-charged Ions: Physics at Extreme Fields

Friday, 5 November 2010 11:30 (45 minutes)

Presenter: Dr GUMBERIDZE, Alexandre (EMMI, GSI, Darmstadt)

Contribution ID: 3

Type: **not specified**

Indirectly heated plasma targets for combined PHELIX laser - heavy ion beam experiments

Thursday, 4 November 2010 11:40 (45 minutes)

Presenter: Dr ROSMEJ, Olga (GSI, Darmstadt)

Contribution ID: 4

Type: **not specified**

The Pygmy Dipole Resonance in atomic nuclei

Thursday, 4 November 2010 12:25 (45 minutes)

Presenter: Dr SAVRAN, Deniz (EMMI, GSI, Darmstadt)

Contribution ID: 5

Type: **not specified**

Exploring the LHC medium with ALICE

Thursday, 4 November 2010 14:15 (45 minutes)

Presenter: Dr MARIN, Ana (GSI, Darmstadt)

Contribution ID: 6

Type: **not specified**

Neutron-rich exotic nuclei and nuclear forces

Thursday, 4 November 2010 15:00 (45 minutes)

Presenter: Prof. OTSUKA, Takaharu (University of Tokyo)

Contribution ID: 8

Type: **not specified**

Theory of Relativistic Heavy-Ion Collisions: Achievements and Challenges

Thursday, 4 November 2010 15:45 (45 minutes)

Presenter: ROMATSCHKE, Paul (FIAS, Frankfurt)

Contribution ID: 9

Type: **not specified**

Towards quantum magnetism with ultracold atoms

Thursday, 4 November 2010 17:00 (1 hour)

Presenter: Prof. KETTERLE, Wolfgang (MIT, Cambridge)

Contribution ID: **10**

Type: **not specified**

Posters and Wine

Thursday, 4 November 2010 18:00 (45 minutes)

Contribution ID: 11

Type: **not specified**

Hard Probes in Extreme Matter measured with the ALICE-Experiment

Friday, 5 November 2010 12:15 (45 minutes)

Presenter: Dr KLEIN-BÖSING, Christian (Münster University)

Contribution ID: 12

Type: **not specified**

Generation and x-ray diagnostic characterization of matter at extreme astrophysical conditions in the laboratory

Friday, 5 November 2010 09:30 (45 minutes)

Presenter: Dr NEUMAYER, Paul (EMMI, GSI, Darmstadt)

Contribution ID: 13

Type: **not specified**

Relativistic, QED and nuclear effects in highly charged ions

Thursday, 4 November 2010 10:25 (45 minutes)

Presenter: HARMAN, Zoltán (MPIK, Heidelberg)

Contribution ID: 14

Type: **not specified**

Gauge/Gravity Duality and Strongly Coupled Matter

Friday, 5 November 2010 10:15 (45 minutes)

Presenter: Dr ERDMENGER, Johanna (MPI, München)

Contribution ID: 15

Type: **not specified**

keV photons and electrons induced by laser pulses on clusters

Friday, 5 November 2010 14:45 (45 minutes)

Presenter: LAMOUR, Emily (Université Paris VI, INSP, Paris)

Contribution ID: 16

Type: **not specified**

Deterministic preparation of a tunable few-fermion system

Friday, 5 November 2010 14:00 (45 minutes)

Presenter: Prof. JOCHIM, Selim (Heidelberg University)