

**First EMMI-EFES workshop on
neutron-rich exotic nuclei
EENEN 09
- Realistic
effective nuclear forces for
neutron-rich nuclei -**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Why forces? What forces?

Monday, 9 February 2009 09:00 (20 minutes)

Presenter: OTSUKA, Takaharu (Tokyo)

Contribution ID: 1

Type: **not specified**

Overview on effective interactions for nuclear structure

Monday, 9 February 2009 09:20 (40 minutes)

Presenter: BARRETT, Bruce (Tucson)

Contribution ID: 2

Type: **not specified**

Application of chiral and low-momentum nuclear forces

Monday, 9 February 2009 11:10 (50 minutes)

Presenter: NOGGA, Andreas (Jülich)

Contribution ID: 3

Type: **not specified**

Unitary Correlation Operator Method

Monday, 9 February 2009 10:00 (50 minutes)

Presenter: ROTH, Robert (Darmstadt)

Contribution ID: 4

Type: **not specified**

Future studies on nuclear structures and reactions with microscopic cluster model and UCOM

Monday, 9 February 2009 14:00 (30 minutes)

Presenter: ITOH, Makato (RIKEN)

Contribution ID: 5

Type: **not specified**

Mean-field and pairing calculations in the UCOM framework

Monday, 9 February 2009 14:30 (40 minutes)

Presenter: HERGERT, Heiko (Darmstadt)

Contribution ID: 6

Type: **not specified**

Unitarily Transformed interactions and 3N forces

Monday, 9 February 2009 15:10 (30 minutes)

Presenter: REINHARDT, Sabine (Darmstadt)

Contribution ID: 7

Type: **not specified**

In-medium Similarity Renormalization Group to the nuclear shell model

Monday, 9 February 2009 16:10 (40 minutes)

Presenter: TSUKIAMA, Koshiro (Tokyo)

Contribution ID: 8

Type: **not specified**

Multi cluster studies with UCOM-like treatment

Monday, 9 February 2009 16:50 (40 minutes)

Presenter: ITAGAKI, Naoyuki (Tokyo)

Contribution ID: 9

Type: **not specified**

Operator representation of realistic effective interactions

Monday, 9 February 2009 17:30 (30 minutes)

Presenter: WEBER, Denis (GSI)

Contribution ID: **10**

Type: **not specified**

Tensor optimized shell modell using bare interaction for light nuclei

Tuesday, 10 February 2009 09:00 (40 minutes)

Presenter: MYO, Takayuki (Osaka)

Contribution ID: 11

Type: **not specified**

Clusters and halos studied in Fermionic Molecular Dynamics

Tuesday, 10 February 2009 09:40 (40 minutes)

Presenter: NEFF, Thomas (GSI)

Contribution ID: 12

Type: **not specified**

Structure of light unstable nuclei studied with effective interactions

Tuesday, 10 February 2009 10:50 (40 minutes)

Presenter: KANADA EN'YO, Yshiko (Kyoto)

Contribution ID: 13

Type: **not specified**

Structure of neutron-rich carbon and oxygen isotopes in a restricted no-core shell-model space

Tuesday, 10 February 2009 11:30 (40 minutes)

Presenter: JUJI, Shin'ichiro (Kyushu)

Contribution ID: 14

Type: **not specified**

Dynamics of low-energy heavy-ion collisions and the synthesis of exotic nuclei

Tuesday, 10 February 2009 14:00 (40 minutes)

Presenter: IWATA, Yoritaka (Tokyo)

Contribution ID: 15

Type: **not specified**

Phase shift calculatuion with realistic nuclear forces

Tuesday, 10 February 2009 14:40 (40 minutes)

Presenter: SUZUKI, Yasuyuki (Niigata)

Contribution ID: 17

Type: **not specified**

Prospects with Extended RPA theories

Tuesday, 10 February 2009 15:40 (30 minutes)

Presenter: PPAKONSTANTINO, Panagiota (Darmstadt)

Contribution ID: 19

Type: **not specified**

Application of propagator theory to atoms and nuclei

Wednesday, 11 February 2009 09:00 (40 minutes)

Presenter: BARBIERI, Carlo (RIKEN)

Contribution ID: 20

Type: **not specified**

News from time-dependent Hartree Fock

Wednesday, 11 February 2009 09:40 (40 minutes)

Presenter: MARUHN, Joachim (Frankfurt)

Contribution ID: 21

Type: **not specified**

Lattice calculations of thermal properties of low-density neutron matter with pionless effective field theory

Wednesday, 11 February 2009 10:50 (40 minutes)

Presenter: ABE, Takashi

Contribution ID: 22

Type: **not specified**

Description of nuclear structures in light nuclei with Brueckner AMD

Wednesday, 11 February 2009 11:30 (40 minutes)

Presenter: TOGASHI, Tomoaki (Hokkaido)