

**Second Sino-French Workshop
on Compact Matter Physics:
from hadrons to nuclei to stars**

**Rapport sur les
contributions**

Second Sino- ... / Rapport sur les contributions

Lunch

ID de Contribution: **0**

Type: **Non spécifié**

Lunch

ID de Contribution: **1**

Type: **Non spécifié**

Workshop dinner

ID de Contribution: 2

Type: **Non spécifié**

Present and future of nuclear physics in Europe

Orateur: Dr AZAIEZ, Faiçal (Institut de Physique Nucléaire d'Orsay)

ID de Contribution: 3

Type: **Non spécifié**

Institut de Physique Nucléaire-Orsay

jeudi 20 novembre 2014 09:15 (40 minutes)

Orateur: AZAIEZ, Faiçal (IPN Orsay)

Classification de Session: Key talks 1

ID de Contribution: 4

Type: **Non spécifié**

Progress for Nuclear Structure in Covariant Density Functional Theory

jeudi 20 novembre 2014 09:55 (40 minutes)

Orateur: MENG, Jie (School of Physics, Peking University)

Classification de Session: Key talks 1

ID de Contribution: 5

Type: **Non spécifié**

Overview of the ALTO facility

jeudi 20 novembre 2014 10:55 (25 minutes)

Orateur: IBRAHIM, Fadi (IPN Orsay)

Classification de Session: Fusion, fission and decay of heavy ions

ID de Contribution: 6

Type: **Non spécifié**

Gamma-ray spectroscopy at ALTO from ORGAM to MINORCA

jeudi 20 novembre 2014 11:20 (25 minutes)

Orateur: GEORGIEV, Georgi (CSNSM, Orsay)

Classification de Session: Fusion, fission and decay of heavy ions

ID de Contribution: 7

Type: **Non spécifié**

Properties of fission process in ^{252}Cf

jeudi 20 novembre 2014 11:45 (25 minutes)

Orateur: WANG, Tao-Feng (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Fusion, fission and decay of heavy ions

ID de Contribution: 8

Type: **Non spécifié**

Highlights of EURICA decay spectroscopy at RIBF

jeudi 20 novembre 2014 12:10 (25 minutes)

Orateur: WATANABE, Hiroshi (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Fusion, fission and decay of heavy ions

ID de Contribution: 9

Type: **Non spécifié**

Polarized nuclei from a dedicated laser spectroscopy

jeudi 20 novembre 2014 14:00 (25 minutes)

Orateur: YORDANOV, Deyan (IPN Orsay)

Classification de Session: Spin and quark degree-of-freedom

ID de Contribution: **10**

Type: **Non spécifié**

Relativistic description of magnetic moments in nuclei with doubly closed shells plus or minus one nucleon

jeudi 20 novembre 2014 14:25 (25 minutes)

Orateur: LI, Jian (College of Physics, Jilin University)

Classification de Session: Spin and quark degree-of-freedom

ID de Contribution: 11

Type: **Non spécifié**

Study of the quark gluon plasma with ALICE at LHC

vendredi 21 novembre 2014 11:05 (25 minutes)

Orateur: ESPAGNON, Bruno (IPN Orsay)

Classification de Session: Baryons and hadrons

ID de Contribution: 12

Type: **Non spécifié**

Splitpole spectrometer at ALTO

jeudi 20 novembre 2014 15:35 (25 minutes)

Orateur: STEFAN, Iulian (IPN Orsay)

Classification de Session: Nuclear shell and deformation

ID de Contribution: 13

Type: **Non spécifié**

Nucleon shape phase transition at the nucleon level within SD-pair shell model

jeudi 20 novembre 2014 16:00 (25 minutes)

Orateur: LUO, Yan-An (School of Physics, Nankai University)

Classification de Session: Nuclear shell and deformation

ID de Contribution: 14

Type: **Non spécifié**

Novel nuclear rotational modes at high spin

jeudi 20 novembre 2014 16:25 (25 minutes)

Orateur: ZHANG, Shuang-Quan (School of Physics, Peking University)

Classification de Session: Nuclear shell and deformation

ID de Contribution: 15

Type: **Non spécifié**

Effects of tensor forces in nuclei

vendredi 21 novembre 2014 09:00 (40 minutes)

Orateur: TANIHATA, Isao (IRCNPC and School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Key talks 2

ID de Contribution: 16

Type: **Non spécifié**

Beyond mean-field corrections and effective interactions in the nuclear many-body-problem

vendredi 21 novembre 2014 09:40 (40 minutes)

Orateur: GRASSO, Marcella (IPN Orsay)

Classification de Session: Key talks 2

ID de Contribution: 17

Type: **Non spécifié**

Scalar strangeness content of the nucleon and baryon sigma terms

vendredi 21 novembre 2014 10:40 (25 minutes)

Orateur: GENG, Li-Sheng (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Baryons and hadrons

ID de Contribution: **18**

Type: **Non spécifié**

Generalized parton distributions and search for a heavy photon at the Jefferson Lab

jeudi 20 novembre 2014 14:50 (25 minutes)

Orateur: GUIDAL, Michel (IPN Orsay)

Classification de Session: Spin and quark degree-of-freedom

ID de Contribution: 19

Type: **Non spécifié**

The heavy (and light) symmetries of heavy meson molecules

vendredi 21 novembre 2014 11:30 (25 minutes)

Orateur: PAVON VALDERRAMA, Manuel (IPN Orsay)

Classification de Session: Baryons and hadrons

ID de Contribution: 20

Type: **Non spécifié**

A systematic study of LQCD octet baryon masses in covariant baryon chiral perturbation theory

vendredi 21 novembre 2014 11:55 (25 minutes)

Orateur: REN, Xiu-Lei (IPN Orsay)

Classification de Session: Baryons and hadrons

ID de Contribution: 21

Type: **Non spécifié**

To kill a deuteron

vendredi 21 novembre 2014 14:00 (25 minutes)

Orateur: LONG, Bing-Wei (School of Physics, Sichuan University)

Classification de Session: Nuclear structure and symmetries

ID de Contribution: **22**

Type: **Non spécifié**

The GASPARD project

vendredi 21 novembre 2014 14:25 (25 minutes)

Orateur: ASSIÉ, Marlène (IPN Orsay)

Classification de Session: Nuclear structure and symmetries

ID de Contribution: 23

Type: **Non spécifié**

Intense pulsed particle beams: characteristics and application

vendredi 21 novembre 2014 14:50 (25 minutes)

Orateur: LE, Xiao-Yun (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Nuclear structure and symmetries

ID de Contribution: 24

Type: **Non spécifié**

Three-dimensional mesh calculations with covariant density functional theory

vendredi 21 novembre 2014 17:15 (25 minutes)

Orateur: TANIMURA, Yusuke (IPN Orsay)

Classification de Session: Nuclear interactions

ID de Contribution: 25

Type: **Non spécifié**

Nuclear clustering in the EDF approach

vendredi 21 novembre 2014 16:00 (25 minutes)

Orateur: KHAN, Elias (IPN Orsay)

Classification de Session: Nuclear interactions

ID de Contribution: 26

Type: **Non spécifié**

BEC-BCS crossover effects in dilute nuclear and neutron matter

vendredi 21 novembre 2014 16:25 (25 minutes)

Orateur: URBAN, Michael (IPN Orsay)

Classification de Session: Nuclear interactions

ID de Contribution: 27

Type: **Non spécifié**

Study of three body force at high density region

vendredi 21 novembre 2014 16:50 (25 minutes)

Orateur: ZHANG, Gao-Long (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Nuclear interactions

ID de Contribution: 28

Type: **Non spécifié**

Probing tensor force using nuclear reaction at the intermediate energies

vendredi 21 novembre 2014 15:15 (25 minutes)

Orateur: TERASHIMA, Satoru (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Nuclear structure and symmetries

ID de Contribution: **29**

Type: **Non spécifié**

Welcome address

jeudi 20 novembre 2014 09:00 (5 minutes)

Orateur: AZAIEZ, Faiçal (IPN Orsay)

Classification de Session: Opening statements

ID de Contribution: 30

Type: **Non spécifié**

Address by Dean

jeudi 20 novembre 2014 09:05 (5 minutes)

Orateur: XIAO, Zhi-Song (School of Physics and Nuclear Energy Engineering, Beihang University)

Classification de Session: Opening statements

ID de Contribution: **31**

Type: **Non spécifié**

Q & A

jeudi 20 novembre 2014 09:10 (5 minutes)

Classification de Session: Opening statements