

**Nuclear Tapas: the shell
model as a cornerstone of
nuclear structure**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Conference dinner

Contribution ID: 2

Type: **not specified**

Nuclear tapas: the landscape of medium mass nuclei

Thursday, 27 April 2023 09:30 (30 minutes)

Presenter: NOWACKI, Frédéric (IPHC Strasbourg)

Session Classification: Invited talks

Contribution ID: 3

Type: **not specified**

Shell closures in neutron-rich Ni and Ca isotopes. In-beam spectroscopy at the RIBF

Thursday, 27 April 2023 10:00 (30 minutes)

Presenter: OBERTELLI, Alexandre (TUDa)

Session Classification: Invited talks

Contribution ID: 4

Type: **not specified**

A magnifying glass on the evolution of nuclear radii

Thursday, 27 April 2023 10:30 (30 minutes)

Presenter: LENZI, Silvia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Invited talks

Contribution ID: 5

Type: **not specified**

Gamma-spectroscopy around ^{132}Sn

Thursday, 27 April 2023 11:30 (30 minutes)

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

Session Classification: Invited talks

Contribution ID: 6

Type: **not specified**

On the possibility of relativistic shell model calculations

Thursday, 27 April 2023 12:00 (30 minutes)

Presenter: RING, Peter (Technical University Munich)

Session Classification: Invited talks

Contribution ID: 7

Type: **not specified**

Effective interactions from the No-Core Shell Model

Thursday, 27 April 2023 12:30 (30 minutes)

Presenter: SMIRNOVA, Nadezda (Centre d'Etudes Nucléaires de Bordeaux-Gradignan)

Session Classification: Invited talks

Contribution ID: 8

Type: **not specified**

Shell Model and Hoyle state

Thursday, 27 April 2023 14:30 (30 minutes)

Presenter: OTSUKA, Takaharu (Department of Physics and Center for Nuclear Study, University of Tokyo)

Session Classification: Invited talks

Contribution ID: 9

Type: **not specified**

Alfredo and some Nilsson tapas

Thursday, 27 April 2023 15:00 (30 minutes)

Presenter: MACCHIAVELLI, Augusto (ORNL)

Session Classification: Invited talks

Contribution ID: **10**

Type: **not specified**

Shells and Shapes through gentle and major shakeup reactions

Thursday, 27 April 2023 15:30 (30 minutes)

Presenter: ALAHARI, Navin (GANIL)

Session Classification: Invited talks

Contribution ID: 11

Type: **not specified**

Shell Model applications in nuclear astrophysics

Thursday, 27 April 2023 16:30 (30 minutes)

Presenter: LANGANKE, Karlheinz (GSI-Darmstadt)

Session Classification: Invited talks

Contribution ID: 12

Type: **not specified**

The decay of $T_z=-2$ nuclei, the IAS and the AAS: does the AAS provide useful information?

Thursday, 27 April 2023 17:00 (30 minutes)

Presenter: RUBIO, Berta (CSIC Valencia)

Session Classification: Invited talks

Contribution ID: 13

Type: **not specified**

Ab initio “shell model”: implications for nuclear structure and BSM physics

Thursday, 27 April 2023 17:30 (30 minutes)

Presenter: HOLT, Jason (TRIUMF)

Session Classification: Invited talks

Contribution ID: 14

Type: **not specified**

Shell Model in quantum computer

Friday, 28 April 2023 09:00 (30 minutes)

Presenter: RÍOS, Arnau (UB)

Session Classification: Invited talks

Contribution ID: 15

Type: **not specified**

Test of nuclear theory in the nuclear landscape - a Swedish smorgasbord

Friday, 28 April 2023 09:30 (30 minutes)

Presenter: CEDERWALL, Bo (Royal Institute of Technology)

Session Classification: Invited talks

Contribution ID: **16**

Type: **not specified**

TBA

Friday, 28 April 2023 10:00 (30 minutes)

Presenter: GADE, Alexandra (MSU)

Session Classification: Invited talks

Contribution ID: 17

Type: **not specified**

The role of three-nucleon potentials within the Shell Model

Friday, 28 April 2023 11:00 (30 minutes)

Presenter: GARGANO, Angela (Istituto Nazionale di Fisica Nucleare)

Session Classification: Invited talks

Contribution ID: **18**

Type: **not specified**

Anomalous collective modes from the finite N-triaxial rotor

Friday, 28 April 2023 11:30 (30 minutes)

Presenter: QI, Chong (KTH)

Session Classification: Invited talks

Contribution ID: 19

Type: **not specified**

Neutrinoless double-beta decay matrix elements: where we were and where we are?

Friday, 28 April 2023 12:00 (30 minutes)

Presenter: MENENDEZ, Javier (University of Barcelona)

Session Classification: Invited talks

Contribution ID: **20**

Type: **not specified**

Jam Session

Friday, 28 April 2023 12:30 (1 hour)

Presenter: SEVERAL AUTHORS

Session Classification: Invited talks