

**Exploring low-energy nuclear
properties: latest advances on
reaction mechanisms with
light nuclei**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Thursday, 1 June 2023 14:15 (15 minutes)

Presenter: ORGANISERS, The

Contribution ID: 2

Type: **not specified**

Nuclear reaction cross sections and the optical potentials for the n-12C and N-12C scattering

Thursday, 1 June 2023 16:25 (30 minutes)

Presenter: BONACCORSO, Angela

Contribution ID: 3

Type: **not specified**

(α ,n) and (α , γ) key reactions studies using ($^7\text{Li,t}$) alpha-transfer reactions

Thursday, 1 June 2023 16:55 (30 minutes)

Presenter: HAMMACHE, Fairouz

Contribution ID: 4

Type: **not specified**

Three-body effects in (d,p) reactions

Thursday, 1 June 2023 17:25 (30 minutes)

Presenter: TIMOFEYUK, Natalia

Contribution ID: 5

Type: **not specified**

Nuclear reactions with NCSMC

Thursday, 1 June 2023 14:30 (30 minutes)

Presenter: HUPIN, Guillaume

Contribution ID: 6

Type: **not specified**

Some selected cases of exotic neutron rich systems

Thursday, 1 June 2023 15:00 (30 minutes)

Presenter: LAZAUSKAS, Rimantas

Contribution ID: 7

Type: **not specified**

Recent progress in ab-initio studies of light nuclei and few-nucleon reactions

Thursday, 1 June 2023 15:30 (30 minutes)

Presenter: MARCUCCI, Laura E.

Contribution ID: **8**

Type: **not specified**

Conference dinner

Thursday, 1 June 2023 19:35 (2 hours)

Contribution ID: 9

Type: **not specified**

Consistent description of cluster and shell models

Friday, 2 June 2023 09:30 (30 minutes)

Presenter: ITAGAKI, Naoyuki

Contribution ID: **10**

Type: **not specified**

Clusters and exotic structures in light nuclei probed through reactions and decay

Friday, 2 June 2023 09:00 (30 minutes)

Presenter: RAABE, Riccardo

Contribution ID: 11

Type: **not specified**

Nuclear clusters for nuclear astrophysics studies

Friday, 2 June 2023 10:00 (30 minutes)

Presenter: TUMINO, Aurora

Contribution ID: 12

Type: **not specified**

Precision big bang nucleosynthesis

Friday, 2 June 2023 10:50 (30 minutes)

Presenter: COC, Alain

Contribution ID: 13

Type: **not specified**

Cross section measurements of fusion reactions at astrophysical relevant energies: the LUNA experiment

Friday, 2 June 2023 11:20 (30 minutes)

Presenter: FORMICOLA, Alba

Contribution ID: 14

Type: **not specified**

New techniques for direct charged-particle measurements for stellar burning

Friday, 2 June 2023 11:50 (30 minutes)

Presenter: BRUNO, Carlo Giulio

Contribution ID: 15

Type: **not specified**

The effect of core-valence absorption in the evaluation of single-nucleon removal cross sections

Friday, 2 June 2023 14:20 (30 minutes)

Presenter: MORO, Antonio M.

Contribution ID: 16

Type: **not specified**

Three-body projectile elastic scattering with microscopic wave functions

Friday, 2 June 2023 14:50 (30 minutes)

Presenter: PINILLA BELTRÀN, Edna Carolina

Contribution ID: 17

Type: **not specified**

Three-body reactions of astrophysical interest

Friday, 2 June 2023 13:50 (30 minutes)

Presenter: TYPEL, Stefan

Contribution ID: **18**

Type: **not specified**

To be confirmed

Contribution ID: **19**

Type: **not specified**

Concluding remarks

Friday, 2 June 2023 15:20 (30 minutes)

Presenter: BAYE, Daniel

Contribution ID: **20**

Type: **not specified**

Conclusions

Friday, 2 June 2023 15:50 (10 minutes)