

# **Jornada Científica L6: The synthesis of nuclei**

## **Report of Contributions**

Contribution ID : 1

Type : **not specified**

## Introduction

*Monday, 13 November 2023 09:00 (5)*

**Presenter(s)** : Dr. ALGORA, Alejandro

Contribution ID : 2

Type : **not specified**

## **Nuclear structure and nucleosynthesis of the heaviest elements in nature**

*Monday, 13 November 2023 09:05 (25)*

**Presenter(s)** : MORALES LOPEZ, Ana Isabel (IFIC)

Contribution ID : 3

Type : **not specified**

## T<sub>cc</sub>(3875)<sup>+</sup> and T<sub>(c̄c̄)</sub>(3875)<sup>-</sup> in nuclear matter

*Monday, 13 November 2023 12:40 (20)*

**Presenter(s)** : MONTESINOS LLÁCER, Víctor (IFIC (UV-CSIC))

Contribution ID : 4

Type : **not specified**

## **Total absorption spectroscopy for nuclear structure and nuclear astrophysics at GANIL**

*Monday, 13 November 2023 09:30 (25)*

**Presenter(s)** : Dr. ORRIGO, Sonja (IFIC (CSIC-UV))

Contribution ID : 5

Type : **not specified**

## **Beta-decay along the N=Z Line and its relevance in rp-process and X-ray bursts**

*Monday, 13 November 2023 10:20 (20)*

**Presenter(s)** : Dr. NACHER, Enrique (Instituto de Física Corpuscular - CSIC)

Contribution ID : 6

Type : **not specified**

## **Beta decays as a fundamental physics probe**

*Monday, 13 November 2023 10:40 (20)*

**Presenter(s)** : GONZALEZ ALONSO, Martin

Contribution ID : 9

Type : **not specified**

## **New detection systems and prospects for TOF measurements of s-process branching nuclei at CERN n\_TOF**

*Monday, 13 November 2023 11:20 (20)*

**Presenter(s)** : BALIBREA CORREA, Javier (Instituto de física corpuscular IFIC)

Contribution ID : 10

Type : **not specified**

## **Nucleosynthesis of heavy elements and prospects at CERN n\_TOF, CNA and DONES for conventional and cycling-like activation experiments for the s- and i-process**

*Monday, 13 November 2023 11:40 (20)*

**Presenter(s)** : LERENDEGUI MARCO, Jorge (Instituto de Fisica Corpuscular)

Contribution ID : 11

Type : **not specified**

## **Neutron detection for nuclear astrophysics**

*Monday, 13 November 2023 09:55 (25)*

**Presenter(s)** : Dr. TARIFEÑO-SALDIVIA, Ariel (Universitat Politècnica de Catalunya)

Contribution ID : 12

Type : **not specified**

## **Exploring the seniority symmetry in $g_{9/2}$ nuclei far from stability**

*Monday, 13 November 2023 12:00 (20)*

**Presenter(s)** : PEREZ VIDAL, Rosa Maria (IFIC)

Contribution ID : 13

Type : **not specified**

## **Total absorption spectroscopy perspectives at RIKEN**

*Monday, 13 November 2023 12:20 (20)*

**Presenter(s)** : ALGORA, Alejandro (IFIC (CSIC-Univ. Valencia))

Contribution ID : 14

Type : **not specified**

# **Nuclear Structure and Astrophysics with AGATA and GRIT**

*Monday, 13 November 2023 13:00 (20)*

**Presenter(s)** : GADEA RAGA, Andres (IFIC CSIC-University of Valencia)

Contribution ID : 15

Type : **not specified**

## Discussion

*Monday, 13 November 2023 13:20 (10)*

**Presenter(s) :** ALGORA, Alejandro (IFIC (CSIC-Univ. Valencia)); GADEA RAGA, Andres (IFIC CSIC-University of Valencia)