

Session Program

26 June 2022 to 1 July 2022



DREB2022 - Direct Reactions with Exotic Beams

Poster session

University of Santiago de Compostela, Facultad de Ciencias de la Comunicación
Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

Tuesday 28 June

16:20

Poster session

Session |

Location: University of Santiago de Compostela, Facultad de Ciencias de la Comunicación, Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

16:20–16:25

Cross sections of neutron-rich isotopes near $N=50$ in knock-out reactions

Speaker

Serge Franchoo

16:25–16:30

Effects of pairing through the intermediary continuum in a $2n$ transfer process

Speaker

Gagandeep Singh

16:30–16:35

Measurement of the single-particle strength along the calcium isotopic chain using quasi-free scattering reactions

Speaker

Ryo Taniuchi

16:35–16:40

First results of the analysis of the reaction $^{22}\text{Mg}(\alpha, \alpha)^{22}\text{Mg}$

Speaker

Daniel Regueira Castro

16:40–16:45

Investigating Short-Range Correlations in exotic nuclei at R3B using inverse kinematics

Speaker

Enis Lorenz

16:45–16:50

Study of multi-nucleon knockout reactions of exotic nuclei in the region of Sn

Speaker

Martina Feijoo Fontán

16:50–16:55

Quasi-free $(p,2p)$ reactions in inverse kinematics for studying the fission yield dependence on temperature and its implication in the stellar nucleosynthesis r -process

Speaker

antía graña gonzález

16:55–17:00

Development and characterization of new position-sensitive Si strip detectors for direct reactions at CENS

Speaker

Dr Xesus Pereira-Lopez

17:00–17:05

Measurements of the neutron-removal cross sections of neutron-rich Sn isotopes at R3B setup.**Speaker**

Eleonora Kudaibergenova

17:05–17:10

Continuum-Discretized Coupled Channel description of (d,p) reactions with nonlocal optical potentials**Speaker**

Natalia Timofeyuk

17:10–17:15

Three-nucleon force in (d,p) reactions**Speaker**

Natalia Timofeyuk

17:15–17:20

Performance of the CALIFA detector during the experiment s467 on the Ca isotopic chain**Speaker**

Christian Suerder

17:20–17:25

Integration of a Resistive Plate Chamber for Precise Measurement of High-Momentum Protons in Short Range Correlations**Speaker**

Manuel Xarepe

17:25–17:30

Investigating cross-shell interactions at the N=28 shell closure through $^{47}\text{K}(\text{d},\text{p})^{48}\text{K}$ with MUGAST+AGATA+VAMOS.**Speaker**

Charlie James Paxman

17:30–17:35

Study of (p,2p) events at the CALIFA calorimeter in knockout induced fission of ^{238}U **Speaker**

Mr Gabriel García Jiménez

17:35–17:40

A new scattering chamber for precision experiments on the heavy-ion reaction cross sections at the accelerator DC-60 (Nur-Sultan, Kazakhstan) at low energies**Speaker**

Кайрат Кутербеков

17:40–17:45

Neutron transfer reaction $^{181}\text{Ta}(^{18}\text{O}, ^{19}\text{O})$ **Speakers**

Aidos Azhibekov, Кайрат Кутербеков

17:45–17:50

Investigation of shape evolution in ^{110}Sn through Coulomb excitation

18:00

Speaker
Joochun Park