

ISOLDE Solenoidal Spectrometer Workshop 2020

Monday, 20 July 2020

New proposals: I (14:15 - 15:15)

| time | [id] title | presenter |
|-------|---|-----------------------|
| 14:15 | [1] Probing single-particle structure in the Island of Inversion via the $^{30}\text{Mg}(d,p)$ reaction | Dr SHARP, David |
| 14:27 | [9] The (d,p) reaction on ^{132}Sn : First complete determination of single-neutron excitations outside of doubly magic ^{132}Sn | KAY, Benjamin Peter |
| 14:39 | [14] Probing single-particle states in the ^{100}Sn region through (d,p) transfer reactions | PARK, Joochun (Jason) |
| 14:51 | [17] Investigation of core-breaking for $Z=50$ shell in Sn isotopic chain: Study of proton-hole states in $^{108,110,112}\text{Sn}$ via single proton transfer reaction | Dr ZHANG, Guangxin |
| 15:03 | [7] Recoil-particle spectroscopy with the ISOLDE Solenoidal Spectrometer for investigations of mirror nuclei and isobaric analogue states | Dr BOWRY, Michael |

New proposals: II (15:35 - 16:47)

| time | [id] title | presenter |
|-------|--|---|
| 15:35 | [20] Digging out protons to unearth their impact on the structure of neutron-rich nuclei by (t,α) reactions in inverse kinematics | BOTTONI, Simone |
| 15:47 | [12] Probing short range interactions in neutron rich system at ISS | DE ANGELIS, Giacomo GOTTARDO, Andres |
| 15:59 | [15] ^{206}Hg beam on triton target at ISS | PODOLYAK, Zsolt |
| 16:11 | [10] Probing the ^{11}Li low-lying dipole strength via $^9\text{Li}(t,p)$ with the ISS | AYYAD, Yassid POTEL AGUILAR, Gregory |
| 16:23 | [3] Anomalous Neutron Pairing Vibrations in Xe Nuclei beyond $N=82$ | MACCHIAVELLI, Augusto |
| 16:35 | [25] Probing the p-n interaction near ^{133}Sb | TANG, Tsz Leung |

Tuesday, 21 July 2020

New proposals: III (13:00 - 14:00)

| time | [id] title | presenter |
|-------|---|----------------------|
| 13:00 | [2] Evolution of single-particle structure outside N=126 | SHARP, David |
| 13:12 | [19] The nuclear structure of $^{79,80}\text{Zn}$ | RAABE, Riccardo |
| 13:24 | [5] Spectroscopy of proton rich Ar and Ne isotopes with the ISS spectrometer | MARTEL BRAVO, Ismael |
| 13:36 | [6] Exploring the use of (d,d') in inverse kinematics to measure nuclear deformations | GAFFNEY, Liam |
| 13:48 | [24] Study of the $^{61}\text{Zn}(\text{d},\text{p})^{62}\text{Zn}$ reaction with the ISS | Dr LOTAY, Gavin |

New proposals: IV (14:20 - 15:20)

| time | [id] title | presenter |
|-------|---|---------------------|
| 14:20 | [11] Direct reactions at ISS with Kr and Se beams in batch mode | DE ANGELIS, Giacomo |
| 14:32 | [18] Production of ^{60}Fe . | CACIOLLI, Antonio |
| 14:44 | [13] Spectroscopy of ^8Be : Search for Rotational Band Above 16 MeV | Prof. GAI, Moshe |
| 14:56 | [4] Studies of np pairing in N=Z nuclei at ISOLDE with the ISS: the $^{48}\text{Cr}(^3\text{He},\text{p})^{50}\text{Mn}$ reaction | AYYAD, Yassid |
| 15:08 | [8] The (d,p) reaction on ^{11}Be : Bringing clarity to our understanding of the structure of ^{12}Be | CHEN, Jie |