

Early Career Conference in Trapped Ions (ECCTI) 2022

Monday, 27 June 2022

Nuclear Physics - 500/1-001 - Main Auditorium (14:30 - 16:15)

-Conveners: Simon Lechner

| time | [id] title | presenter |
|-------|--------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 14:30 | [64] High-Resolution Mass Measurements at the FRS Ion Catcher in the vicinity of ^{100}Sn | MOLLAEBRAHIMI, Ali |
| 14:53 | [40] High precision mass measurement of ^{24}Si and a final determination of the rp-process at the A=22 waiting point | PUENTES, Daniel |
| 15:15 | [70] News From the ISOLTRAP Mass Spectrometer | NIES, Lukas |
| 15:35 | [59] Ion Trapping Developments at Edinburgh University, Towards Precise Mass Measurements of Light Exotic Nuclei at TITAN | BROWN, Callum |
| 15:55 | [19] Implementation of the double Penning trap mass spectrometer MLLTRAP at ALTO | MORIN, Elodie |

Thursday, 30 June 2022

Nuclear Physics - 500/1-001 - Main Auditorium (09:00 - 10:30)

-Conveners: **Simon Lechner**

| time | [id] title | presenter |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 09:00 | [71] Developments for an increased detection sensitivity of the neutrinoless double-beta decay ($0\nu\beta\beta$) mode in the NEXT experiment | Dr AYET SAN ANDRES, Samuel |
| 09:23 | [47] The commissioning of a Paul trap for laser spectroscopy of exotic radionuclides in an MR-ToF device | KANITZ, Carina |
| 09:45 | [20] Doppler- and sympathetic cooling for the investigation of short-lived radionuclides | MAIER, Franziska Maria |
| 10:08 | [18] Trapping Swift Divergent Ions with Stacked Rings | CHEN, Xiangcheng |