



# European Nuclear Physics Conference 2022 (EuNPC 2022)

## Tuesday 25 October 2022

### P3 Nuclear Astrophysics - Classroom 0, Facultad de Ciencias de la Comunicación (15:00 - 16:45)

time	[id] title	presenter
15:00	[8] S-process Nuclear Reaction Rates	RAPAGNANI, David
15:30	[153] The first nuclear reaction measurements on the CRYRING using the CARME chamber	MARSH, Jordan
15:50	[252] Using an active target time projection chamber to study reactions of astrophysical interest.	BECEIRO NOVO, Saul

### P3 Nuclear Astrophysics - Classroom 0, Facultad de Ciencias de la Comunicación (17:00 - 18:40)

time	[id] title	presenter
17:00	[34] A new experimental setup to measure the astrophysical $^{15}\text{O}(\alpha,\gamma)^{19}\text{Ne}$ reaction rate in inverse kinematics	Mr REED, Ben
17:30	[177] Search for Supernova R-process actinides in fossilized reservoirs	IULIANA, Stanciu
17:50	[20] Phase Transitions under Strong Magnetic Fields in Neutron Stars	Dr RATHER, Ishfaq Ahmad
18:10	[191] Contribution of meson exchange currents to the electromagnetic responses within a relativistic mean-field model	FRANCO MUÑOZ, Tania

## Wednesday 26 October 2022

### P3 Nuclear Astrophysics - Classroom 0, Facultad de Ciencias de la Comunicación (15:45 - 17:15)

time	[id] title	presenter
15:45	[189] Study of ion-ion fusion mechanisms at sub-barrier energies for nuclear astrophysics	Dr SPIRIDON, Alexandra
16:05	[208] Measurement of $^{27}(\alpha, n \gamma)^{30}\text{P}$ reaction yields.	ALONSO-SANUDO ALVAREZ, Odette
16:25	[166] The pp neutrino flux and $^{205}\text{Pb}/^{205}\text{Tl}$ s-process chronometry	Dr MANCINO, Riccardo

### P3 Nuclear Astrophysics - Classroom 0, Facultad de Ciencias de la Comunicación (17:30 - 19:15)

time	[id] title	presenter
17:30	[182] Nucleosynthesis of nuclei near the N=50 neutron shell closure	TAGLIENTE, Giuseppe Dr TAGLIENTE, Giuseppe
18:00	[120] Neutron induced reactions and unstable nuclei: recent THM investigations at astrophysical energies	SERGI, Maria Letizia