

Ecole Thématique PhyNuBE : Première rencontre de Physique Nucléaire de Basse Energie 2021

lundi 6 décembre 2021

PhD student, post-doc and other short contributions (11:45 - 12:45)

-Présidents de session: Amel KORICHI

time	[id] title	presenter
11:45	[34] Weak interaction studies with ^{32}Ar	CRESTO, Federica
12:10	[35] Continuum coupling correction in Gamow Shell Model	LINARES FERNANDEZ, Jose Pablo

mardi 7 décembre 2021**PhD student, post-doc and other short contributions (10:30 - 10:55)**

time	[id] title	presenter
10:30	[44] Nuclear structure studies at the FIPPS instrument at ILL	COLOMBI, Giacomo

PhD student, post-doc and other short contributions (11:30 - 12:45)**-Présidents de session: Bertram Blank**

time	[id] title	presenter
11:30	[62] Dynamical aspects of superfluid neutron stars	ANTONELLI, Marco
12:05	[50] Universality in many-body systems	CONTESSI, Lorenzo

PhD student, post-doc and other short contributions (17:00 - 18:40)**-Présidents de session: Bertram Blank**

time	[id] title	presenter
17:00	[42] Shapes of heavy and super-heavy atomic nuclei with Skyrme Energy Density Functionals	DA COSTA, Philippe
17:25	[43] Description of heavy nuclei within the Shell Model	DAO, Duy Duc
17:50	[57] Shape evolution in neutron-rich nuclei around mass 100 with the AGATA-VAMOS-OUPS setup	PASQUALATO, Giorgia
18:15	[60] The double Penning trap mass spectrometer PIPERADE for DESIR/SPIRAL2	DE ROUBIN, Antoine

mercredi 8 décembre 2021**PhD student, post-doc and other short contributions (10:00 - 11:15)****-Présidents de session: Francesca Gulminelli**

time	[id] title	presenter
10:00	[48] Bogoliubov coupled cluster theory for open-shell nuclei	DEMOL, Pepijn
10:25	[49] ab-initio description of the monopole resonance in light- and medium-mass nuclei	PORRO, Andrea
10:50	[51] Nuclear Shell Model Effective Interaction from Many-Body Perturbation Theory	LI, Zhen

PhD student, post-doc and other short contributions (18:00 - 19:15)**-Présidents de session: Jérôme Margueron**

time	[id] title	presenter
18:00	[45] Determining neutron-induced reaction cross sections through surrogate reactions at storage rings	SWARTZ, Jacobus
18:25	[46] Response of solar cells to heavy ions at energies close to 10 AMeV	SGUAZZIN, Michele
18:50	[47] First trap-assisted decay spectroscopy of the ^{81}Ge ground state	DELAFOSSÉ, Clément

jeudi 9 décembre 2021

PhD student, post-doc and other short contributions (11:45 - 12:35)

-Présidents de session: Fairouz Hammache

time	[id] title	presenter
11:45	[36] The effect of the energy functional on the pasta-phase properties of catalysed neutron stars	DINH THI, Hoa
12:10	[41] Can we decipher the composition of the core of a neutron star?	MONDAL, Chiranjib

PhD student, post-doc and other short contributions (18:00 - 19:40)

-Présidents de session: Antoine De Roubin

time	[id] title	presenter
18:00	[39] Gamma Spectroscopy in a Laser-perturbed Environment	ATUKPOR, Emmanuel
18:25	[40] Understand ^{22}Na cosmic abundance by measuring lifetimes in ^{23}Mg	FOUGERES, Chloe
18:50	[37] Experimental Study of the $^{30}\text{Si}(p,\gamma)^{31}\text{P}$ via the $^{30}\text{Si}(^3\text{He},d)^{31}\text{P}$ transfer reaction for understanding elemental anomalies in Globular Clusters	HARROUZ, Djamila Sarah
19:15	[61] Trajectory-based approach to quantum scattering process	DUPUY, Lucien