LISE Workshop

Program

MONDAY, March 28

13:30 -- 13:40	O. Sorlin (10') Welcome address/ goals of the workshop

Coulomb and nuclear excitations @ LISE – 2022 Campaign

Chairperson: O. Sorlin

13:40 -- 14:55	J.-C. Thomas (10') Status of the LISE detectors used for identification
13:55 -- 14:20	Q. Delignac (20') Coulomb and nuclear excitations of Si isotopes using the EXOGAM2-PARIS array (E798, E823)
14:20 -- 14:35	V. Morel (10') Status of the LISE D6 room preparation for the 2022 campaign
14:35 -- 14:50	T. Roger (10') Future plans for the ACTAR detector, use of TANDEM mode
14:50 -- 15:05	R. Revenko (10') Status of the ZDD detection
15:05 -- 15:20	M. Ciemala (10') Status of the PARIS detection array + coupling to EXOGAM
15:20 -- 15:35	A. Lemasson (10') General presentation of the DAQ
15:35 -- 16:00	**Discussions and Coffee break**

Link to follow on line : https://cnrs.zoom.us/s/98935724163

Campaign 2022

16:00 -- 16:30 E. Khan (25') How to evidence Mn and Mp contributions in atomic nuclei?

16:30 -- 16:55 S. Calinescu (20') Feeback from previous experiments and simulations

16:55 -- 17:15 Discussions

Mid to long - term perspectives @ LISE 1/2

17:15 -- 17:35 T. Kurtukian-Nieto (15') Mini recoil spectrometer

TUESDAY, March 29 2022

ACTAR (TPC)

Chairperson: J.-C. Thomas

09:00 -- 09:25 A. Ortega-Moral (20'): Exotic neighborhood of ^{48}Ni with ACTAR TPC

09:25 -- 09:50 J. L Fuentes (20') Study of the ^{20}O(d,^{3}He)^{19}N transfer reaction. First results (E796)

09:50 -- 10:15 T. Roger (20') ^{53m}Co decay from (E791) experiment

10:15 -- 10:40 V. Guadilla (20') ^{39}Ti decay modes with the OPTC (E839)

10:40 -- 11:00 Coffee break

11:00 -- 12:00 Discussion on future experiments with ACTAR (TPC) at LISE

12:00 --13:30 Lunch break

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Campaign MUGAST-EXOGAM2

Chairperson: F. de Oliveira

13:30 -- 13:55	S. Koyama (20') Mirror symmetry between the unbound ^{8}C and ^{8}He nuclei, ^{3}He clustering in the N=2 isotones (E738)
13:55 -- 14:20	A. Poves (25') Broken mirror symmetries from a theoretical viewpoint
14:20 -- 14:50	L. Lalanne (20') Colossal MED between 36Ca and ^{36}S, magicity at N=16 and ^{35}P(p,γ)^{36}Ca reaction for astrophysics (E755)
14:50 -- 15:15	V. Girard-Alcindor (20') New narrow resonances observed in 15F
15:15 -- 15:40	D. Beaumel (20') Highlight of the MUGAST-AGATA campaign
15:40 -- 16:00	**Coffee break**

Perspectives 2023- 2024

Chairperson: D. Beaumel

16:00 -- 16:15	M. Assié (10') MUGAST@LISE
16:15 -- 16:35	M. Assie (15') p-n pairing studies at LISE: past (E644) and future (E805)
16:35 -- 16:55	S. Koyama (15') Study of the neutron Fermi surface of ^{68}Ni using (p,d) and (d,t) reactions (E843)
16:55 -- 17:10	V. Girard-Alcindor (10') Proposal to be submitted in 2022
17:10 -- 17:25	F. Galtarossa (10') Study of ^{34}Si(p,d) and (p,t) reactions
17:25 -- 17:40	S. Bottoni (10') Rotational bands in 11Be

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17:40 -- 17:55 A. Gottardo (10') New Target developments

17:55 -- 18:15 C. Diget (15') Transfer reactions of astrophysical interest at LISE

18:15 -- 18:45 Discussions

19:30 Dinner

WEDNESDAY, March 30 2022

Weak interaction studies @ LISE

Chairperson: P. Delahaye

09:00 -- 09:25 X. Fléchard (20') bSTILED: Search for Tensor Interactions in nucLear bEta Decay

09:25 -- 09:50 J.-C. Thomas (20') 0^+->0^+ decay studies at LISE

Mid-Long-term perspectives @ LISE 2/2

09:50 -- 10:05 S. Grévy (20') cryogenic gaz-cell @ LISE2000

10:05 -- 10:30 Coffee break

10:30 -- 12:00 General discussion on future campaigns

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