

NUCLEAR PHYSICS EXPERIMENTS EVALUATION COMMITTEE MEETING
February 7th, 8th, and 9th, 2022
via Zoom

Hello,

The Zoom connection information for the Nuclear Physics Experiments Evaluation Committee (NP-EEC) Meeting are below. The agenda is on the pages to follow.

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AGENDA

MONDAY, FEBRUARY 7TH					
Time (CET)	Time (GMT)	Time (PST)	Exp. #	Title	Presenters
16:00	15:00	07:00	(Closed Meeting) Facility Update		C. Ruiz
16:15	15:15	07:15	(Closed Meeting) Target, Module, & Ion Sources: Status and Development		A. Gottberg
16:30	15:30	07:30	Presentations - Zoom		
16:30	15:30	07:30	S1218	Towards an optical parity violation experiment in francium: Spectroscopy of the 7s - 8s transition	G. Gwinner
16:45	15:45	07:45	S1723	^{66,67,68} Mn beams to study deformation below ⁶⁸ Ni	B. Olaizola
17:00	16:00	08:00	S1866	Investigating Nuclear Excitation by Electron Capture	D.G. Jenkins
17:15	16:15	08:15	S2189	Lifetime measurements of low-energy octupole states in radium-224	D. O'Donnell
17:30	16:30	08:30	COFFEE BREAK		
17:45	16:45	08:45	S2193	Lifetime of the key ²² Na(p,gamma) ²³ Mg resonance in novae	C. Wrede
18:00	17:00	09:00	S1849	Study of the 7Be+d->2alpha+p reaction for big bang nucleosynthesis	I. Wiedenhoever
18:15	17:15	09:15	S2029	Resonant proton elastic scattering on ¹⁷ F	G.F. Grinyer
18:30	17:30	09:30	S2138	Spectroscopy of neutron-rich Sn isotopes (Part I)	R. Kanungo
18:45	17:45	09:45	COFFEE BREAK		
19:00	18:00	10:00	S2013	Direct precision measurement of S ₁₇ in inverse kinematics	M. Williams

MONDAY, FEBRUARY 7 TH					
Time (CET)	Time (GMT)	Time (PST)	Exp. #	Title	Presenters
19:15	18:15	10:15	S2186	Constraining nucleosynthesis in the first stars with the $^{19}\text{F}(p,\gamma)^{20}\text{Ne}$ reaction	M. Williams
19:30	18:30	10:30	S2184	Search for Shape Coexistence in ^{130}Xe for Studies of ^{130}Te Neutrinoless Double-Beta Decay	M. Rocchini
19:45	18:45	10:45	S2172	Study of low-lying states in ^7Li via $^6\text{He}+p$ resonant elastic scattering in inverse kinematics	S. Upadhyayula
20:00	19:00	11:00	Closed Discussion		
21:00	20:00	12:00	ADJOURN		

END OF DAY 1

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AGENDA

TUESDAY, FEBRUARY 8TH					
Time (CET)	Time (GMT)	Time (PDT)	Exp. #	Title	Presenters
16:30	15:30	07:30	Presentations - Zoom		
16:30	15:30	07:30	S1367	Decay spectroscopy of ^{33,34,35} Mg: following the island of inversion	M.M. Rajabali
16:45	15:45	07:45	S2173	Ba-Ion Extraction Studies at TRIUMF for a future Ba-tagging upgrade of nEXO	T. Brunner
17:00	16:00	08:00	S2175	Nuclear two-photon emission unveiled through suppression of first-order decay processes	Z. Hockenbery
17:15	16:15	08:15	S2195	High Precision QEC-value measurement of the superallowed Fermi decay of ⁷⁴ Rb	M. Lykiardopoulou
17:30	16:30	08:30	COFFEE BREAK		
17:45	16:45	08:45	S2174	Beam Development: Nuclear structure investigation of ground and excited states in neutron-deficient Cs and Ba isotopes via high-precision mass spectrometry	A. Mollaebrahimi
18:00	17:00	09:00	S2194	Beam Development: High-Precision Mass Measurements of Co Near the N=40 Island of Inversion	A. Jacobs
18:15	17:15	09:15	S2197	Beam Development: Investigation of the Possible N=34 Subshell Closure Around the Magic Proton Number Z=20	C. Walls
18:30	17:30	09:30	S2170LOI	SALER: Superconducting Array for Low Energy Radiation	K. Leach
18:45	17:45	09:45	COFFEE BREAK		
19:00	18:00	10:00	S2199	Evolution of B(E2) values in neutron-rich potassium nuclei	J. Heery

TUESDAY, FEBRUARY 8 TH					
Time (CET)	Time (GMT)	Time (PDT)	Exp. #	Title	Presenters
19:15	18:15	10:15	S2187	The Search for New Cosmic Gamma-ray Emitters: Single-nucleon Transfer on ^{42}K	G. Lotay
19:30	18:30	10:30	S2188	Novel Technique for the Study of Neutron-Induced Reactions in Inverse Kinematics: Measurement of the $^{26}\text{Al}(n,p)$ and $^{26}\text{Al}(n,\alpha)$ Reactions	G. Lotay
19:45	18:45	10:45	S2196	Investigation of shape-coexisting structures in $^{110,112}\text{Cd}$ via beta-decay	P.E. Garrett
20:00	19:00	11:00	Closed Discussion		
21:00	20:00	12:00	Adjourn		

END OF DAY 2

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WEDNESDAY, FEBRUARY 9TH					
Time (CET)	Time (GMT)	Time (PDT)	Exp. #	Title	Presenters
16:30	15:30	07:30	Presentations - Zoom		
16:30	15:30	07:30	S1884	Constraining neutron capture rates for r-process nuclei in the A=140 region	D. Muecher
16:45	15:45	07:45	S2190	Direct measurement of $^{63}\text{Ga}(p,a)^{60}\text{Zn}$ to constrain the X-ray burst light-curve model-observation comparison and Urca cooling in the accreting neutron stars	J.S. Randhawa
17:00	16:00	08:00	S2209	High-sensitivity beta-decay study of the competition between low-lying structures in Dy isotopes around N=90	A.B. Garnsworthy
17:15	16:15	08:15	S2198	Development of optimized targets for the release of ^{14}Be and other short-lived isotopes	A. Laxdal
17:30	16:30	08:30	COFFEE BREAK		
17:45	16:45	08:45	S2200	Development of a negative-ion drift Optical TPC for beta-delayed particle emission studies	Y. Ayyad
18:00	17:00	09:00	S2182	Investigation of the nanosecond isomer and cross-shell excitations in ^{32}Si near the 'island of inversion'	E.J. Williams
18:15	17:15	09:15	COFFEE BREAK		
18:25	17:25	09:25	Closed Discussion – LOI Review		
19:10	18:10	10:10	Closed Discussion		
21:00	20:00	12:00	ADJOURN		

END OF DAY 3