

NNPA 2025 WORKSHOP PROGRAM

	09:30 – 10:05	10:05 – 10:40	10:40 – 11:00	11:00 – 11:35	11:35 – 12:10	12:10 – 14:00	14:00 – 14:35	14:35 – 15:10	15:10 – 15:30	15:30 – 16:05	16:05 – 16:40
	<i>Chair: Hiroyuki Sagawa</i>						<i>Chair: Myung-Ki Cheoun</i>				
Monday 01.09.2025	Haris Dapo "Nuclear physics experimental stations at the Turkish Accelerator and Radiation Laboratory"	TARLA Facility Tour	Coffee Break	Toshitaka Kajino "Solving the Mystery of Neutrinos and Origin of Heavy Nuclei - Competition between γ - and ν -processes in Supernova —"	Carlos Bertulani "Relativistic heavy ions as probes of nuclear structure"	Lunch	Giacome De Angelis "Exotic structures and double-magicity at the proton drip-line"	Mathis Wiedeking " ¹³⁵ Xe Neutron-Capture Cross Sections from Quasi-Continuum Nuclear Data"	Coffee Break	Radomira Lozeva "Quest for the structure of exotic nuclei"	Youngju Cho "High-spin spectroscopy of neutron-rich 195–202Au isotopes towards N=126 shell closure"
	<i>Chair: Toshitaka Kajino</i>						<i>Chair: Giacome De Angelis</i>				
Tuesday 02.09.2025	Hiroyuki Sagawa "Octupole correlations in superdeformed bands of ⁵⁶ Ni"	Manuela Cavallaro "Recent results from the NUMEN (NUclear Matrix Elements for Neutrinoless double beta decay) project"	Coffee Break	Georgi Georgiev "Electromagnetic moments of exotic nuclei. Experimental studies of isomeric states"	Nils Paar "Electric and Magnetic γ -Ray Strength Functions in the Relativistic Framework"	Lunch	Takehiko Saito "Hypernuclear Studies through Machine Learning"	Dimiter Balabanski "While waiting for γ beams at ELI-NP: Experiments with ELIFANT, ELIGANT and ELISSA"	Coffee Break	Esra Yüksel "Constraining Nuclear Symmetry Energy in Relativistic Energy Density Functionals: Insights from CREX, PREX-II, and Dipole Polarizability"	Kouhei Washiyama "Emergence of new type of shape coexistence in ⁴⁸ Ca"
Wednesday 03.09.2025	EXCURSION - WORKSHOP DINNER										
	<i>Chair: Carlos Bertulani</i>						<i>Chair: Dimiter Balabanski</i>				
Thursday 04.09.2025	Myung-Ki Cheoun "Nuclear Response Functions of Light Nuclei by the mono-energy KDAR neutrino"	Masaaki Kimura "Shape and alpha cluster formation in C-12"	Coffee Break	Takahiro Kawabata "Precise measurement of the γ -decay probability of the Hoyle state with a new triple coincidence-detection method"	Daniele Mengoni "Advancements in Gamma-ray Spectroscopy: Expanding Sensitivity and Experimental Capabilities"	Lunch	Sobir Turakulov "Study of the ¹² C(p, γ) ¹³ N and ¹⁶ O(p, γ) ¹⁷ F astrophysical direct capture processes in the potential model approach"	Kouichi Hagino "Taking a snapshot of a nucleus: intersection of low-energy and relativistic heavy-ion collisions"	Coffee Break	Yassid Ayyad "Exploring the limits of nuclear stability with solenoidal spectrometers"	Öznur Apsimon "Exploring applications of plasma accelerators in nuclear physics"