

Tuesday September 17		Wednesday September 18		Thursday September 19		Friday September 20		Saturday September 21	
Chair:	Michael Buballa	Chair:	Gabriel Martinez-Pinedo			Chair:	Berta Rubio	Chair:	Dean Lee
08:50 - 09:00	Welcome								
09:00 - 09:40	Gabriel Martinez-Pinedo Probing heavy element nucleosynthesis through electromagnetic observations	09:00 - 09:40	Sunniva Siem Nuclear level densities and astrophysical reactions	08:00 at Porta Trapani	Excursion: Monreale and Palermo	09:00 - 09:40	Kathrin Wimmer Nuclear physics at the N=Z line	09:00 - 09:40	Nicolas Chamel Nuclear clustering and pasta in neutron stars
09:50 - 10:30	Henrik Schatz Nuclear Astrophysics at FRIB	09:50 - 10:30	Dean Lee Nuclear Lattice Simulations			09:50 - 10:30	Jonathan Wilson New Fission Studies	09:50 - 10:30	Berta Rubio Isospin and beta decay
10:40 - 11:10	Coffee	10:40 - 11:10	Coffee			10:40 - 11:10	Coffee	10:40 - 11:10	Coffee
Chair:	Christian Fischer	Chair:	Henrik Schatz			Chair:	Witold Nazarewicz	Chair:	Jonathan Wilson
11:10 - 11:50	Marek Ploszajczak Physics of nuclear threshold effects	11:10 - 11:50	Evgeny Epelbaum Chiral effective field theory using gradient flow			11:10 - 11:50	Saori Pastore Nuclei as a laboratory for beyond the Standard Model physics	11:10 - 11:50	Tomohiro Uesaka Nuclear clustering — manifestations of nonuniformity in nuclei
12:00 - 12:40	Michael Wiescher Threshold effects in Nuclear Reaction Rates	12:00 - 12:40	Witold Nazarewicz Structure of rare isotopes: theoretical challenges			12:00 - 12:40	Emiko Hiyama Hypernuclear physics from view point of few-body problem	12:00 - 12:40	Angela Bracco Isospin effects probed by the Electric Dipole Emission
12:50	Lunch	12:50	Lunch			12:50	Lunch	12:50	Lunch
Chair:	Kathrin Wimmer	Chair:	Marek Ploszajczak			Chair:	Sunniva Siem	Chair:	Saori Pastore
16:00 - 16:15	Catharina Brase Two-body currents at finite momentum transfer and applications to M1 transition	16:00 - 16:15	Ushasi Datta Exploring properties of the exotic nuclei and its impact on cosmic phenomena			16:00 - 16:15	Diana Alvear Terrero Microscopic description of beta-decay rates of r process nuclei	16:00 - 16:15	Lucas Happ Mass-ratio dependence of three-body resonance lifetimes
16:20 - 16:35	Horst Lenske Exploring Isotensor Modes in Double Charge Exchange Reactions	16:20 - 16:35	Margarida Companys Franzke Application of eigenvector continuation to nuclear many-body problems			16:20 - 16:35	Tanja Kirchner Entanglement in few-particle scattering	16:20 - 16:35	Ilaria Michelon Beta-decay spectroscopy with laser-polarised beams of neutron-rich nuclei at ISOLDE
16:40 - 16:55	Julian Marcus Hauf Investigation of the dipole strength distribution in $^{70}\text{Zn}$ up to the neutron threshold	16:40 - 16:55	Cedric Wenz The In-medium no-core shell model - an ab initio path towards medium mass nuclei			16:40 - 16:55	Eric Flynn Spontaneous fission yields and lifetimes from self-consistent calculations	16:40 - 16:55	Vivian de la Incera Fluctuations in Dense Quark Matter Phases with Topology
		17:00 - 17:15	Andre Nunes The deuteron as a six-quark state in QCD			17:00 - 17:15	Kotaro Uzawa Non-equilibrium Green's function approach to low-energy fission dynamics	17:00 - 17:15	Efrain J Ferrer Axion Polaritons in Quark Stars. A possible solution for the Missing Pulsar Problem.
17:00 - 17:30	Coffee	17:20 - 17:50	Coffee			17:20 - 17:50	Coffee	17:20 - 17:50	Coffee
Chair:	Emiko Hiyama	Chair:	Michael Wiescher			Chair:	Nicolas Chamel	Chair:	Angela Bracco
17:30 - 17:45	Lauren Bell Nuclear Level Density and Gamma Strength function in the well deformed even-even samarium isotopes	17:50 - 18:05	Joshua Wylie Understanding continuum effects on nuclei near the driplines			17:50 - 18:05	Heamin Ko Impact of neutrino oscillation on neutrino-process in core-collapse supernova	17:50 - 18:05	Daniele Fargion UHECR: From lightest to heavy nuclei in nearest universe
17:50 - 18:05	Kiriaki Prifti First Temperature-dependent Relative Self-Absorption at the S-DALINAC	18:10 - 19:10	Christian Fischer A (short) history of Sicily			18:10 - 18:25	Takasumi Maruyama Measurements and searches with Decay-At-Rest neutrinos produced at J-PARC MLF	18:10 - 18:25	Asahi Yano Mass measurements of rare-radioactive isotopes with a unique storage ring
18:10 - 18:25	Lisa Wagner Precision Calculation of Nuclear Observables in the No-Core Shell Model					18:30 - 18:45	Helen Meyer Primordial nucleosynthesis with varying fine-structure constant	18:30 - 18:45	Daniel Lay Accelerating HFB Simulations for Nuclear Structure and Dynamics
								20:00 - 23:00	Conference Dinner