Poster

Session 1

1	Antic	From the crust to the co
2	Babiano Suarez	^{80}Se(n,γ) cross-section
3	Brückner	Investigation of the ^{7}Li(p
4	Burgazli	N-body code implement
5	Choplin	The Early Generations Metal-Poor Stars
6	Couder	Measurement of the ^{14}N(α,γ)^{18}F Reaction with the St. George Recoil Separator
7	Cseh	On Barium stars and the s-process in AGB stars
8	Cvetinović	Electron screening effect
9	Dahmani	The Lane Emden physical model with fractional calculus approach
10	Datta	Nucleosynthesis in advective accretion disc and outflow: possible explanation for overabundances in winds from X-ray binaries
11	Dickel	MNT reactions at ion catcher facilities - a new way to produce and study heavy neutron-rich nuclei
12	Dietz	The Stellar ^{72}Ge(n,γ) Cross Section for weak s-process: A First Measurement at n_TOF
13	Dmytriiev	Position-sensitive resonant Schottky cavity
14	Döhring	The cosmic journey of iridium
15	Elmasli	The Preliminary Atmospheric Parameters of HD 154713 and HD 137928
16	Hammer	Study of the ^{2}H(p,γ)^{3}He cross section at E_p = 400 keV - 800 keV
17	Heftrich	Partial cross sections of ^{181}Ta(n,γ) using BEGe detectors
18	Hegedus	Investigation of the Coulomb dissociation of ^{15}C at SAMURAI
19	Holmbeck	Actinide-Rich or Actinide-Poor, Same r-Process Progenitor
20	Hukkanen	The first experimental determination of the second-forbidden transition between the ground states of ^{20}F and ^{20}Ne
21	Jacobi	Influence of astrophysical and nuclear physics uncertainties on the nucleosynthesis in core-collapse supernova neutrino-driven winds
22	Kaur	Nucleosynthetic contribution of stable and radio - active elements from various sources for Chemical Evolution of Galaxy
23	Kirilova	Several BBN Constraints on Beyond Standard Model Physics
24	Koohrokhi	Analysis of Deuterium-Tritium Fusion Reaction by PT-Supersymmetric Square Well
25	Kripkó-Koncz	Mass measurements of neutron-rich In isotopes in the A≈130 region across the N=82 neutron shell at TITAN, TRIUMF
26	Kurtulgil	Measurement of ^{69,71}Ga(n,γ) at astrophysical energies using the neutron time of flight facility n_TOF at CERN
27	Ludwig	Towards a study of the holy grail reaction ^{12}C(α, γ)^{16}O at Felsenkeller
28	Makarov	New Methods in Theoretical Astrophysics
29	Marshall	Recent Results From the TUNL Split-pole Spectrograph
30	Mebrek	Level structure study of ^{27}Si relevant to the ^{26}Al(p,γ)^{27}Si reaction

Poster

Session 2

31	Möckel	Big Bang nucleosynthesis simulations for ^{2}H abundance predictions
32	Mossa	A BGO set-up for the direct measurement of the ^{2}H(p,γ)^{3}He fusion cross section at LUNA
33	Oprea	Astrophysical production of ^{146}Sm in nuclear p-processes
34	Petruse	Direct measurement of the ^{19}F(p,α)^{16}O reaction using the LHASA detector array
35	Reich	Cross section measurement of the reaction ^{96}Ru(p,γ) via the activation method
36	Schmidt	Study of the ^{3}He(α,γ)^{7}Be reaction at Dresden Felsenkeller
37	Schoger	The ^{22}Ne(p,γ)^{23}Na reaction from 800 to 1900 keV
38	Sen	Overview of the HVE Singletron accelerators developed for Nuclear Astrophysics
39	Shaglel	TeV-Scale Resonant Leptogenesis with New Scaling Ansatz on Neutrino Dirac Mass Matrix from A4 Flavor Symmetry
40	Sharma	A study of nuclear reaction mechanics at low energies
41	Shelley	Machine learning for energy surfaces for neutron star inner crusts
42	Sidhu	Mass measurement of neutron-rich nuclei using Experimental
43	Skakun	Cross sections of the ^{113}In(γ,n)^{112m,g}In reaction for theγ-process
44	Spampinato	Indirect study of the ^{3}He(n,p)^{3}H reaction at cosmological energies
45	Szücs	Gamma, neutron and muon background in the new Felsenkeller underground accelerator laboratory
46	van de Laar	Status report of the TRIGA-TRAP experiment
47	Varga	Towards background-free studies of capture reactions in a heavy-ion storage ring
48	Wilsenach	The measurement of p-nuclei alpha decay
49	Xing	A method for reaction luminosity determination in a storage ring
50	Xu	Direct mass measurement for ^{103}Sn and its impact on rp-process endpoint SnSbTe cycle
51	Zaitsev	Multiple fragmentation of relativistic nuclei in nuclear trackemulsion
52	Zermane	New study of the astrophysical reaction ^{12}C(α,γ)^{16}O
53	Zhang	Neutron and Proton Captures on ^{16}O
54	Zhokhov	Dualities and pion condensation in dense hadron/quark matter
55	Schäfer	Equation of state effects in core-collapse supernovae
56	Lach	Nucleosynthesis in Type Ia Supernovae