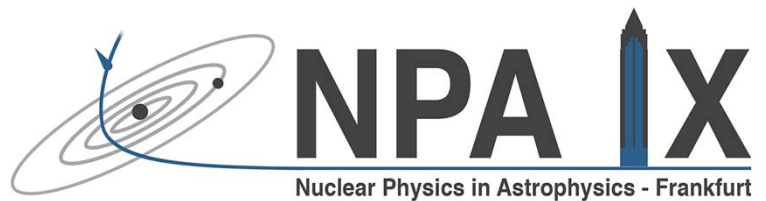


Poster

Session 1



1	Antic	From the crust to the core of Neutron stars with Quark-meson coupling model
2	Babiano Suarez	$^{80}\text{Se}(n,\gamma)$ cross-section
3	Brückner	Investigation of the $^7\text{Li}(p,\alpha)^4\text{He}$ reaction
4	Burgazli	N-body code implementation for the evolution of neutron stars
5	Choplin	The Early Generations of Metal-Poor Stars
6	Couder	Measurement of the $^{14}\text{N}(\alpha,\gamma)^{18}\text{F}$ 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 $^{72}\text{Ge}(n,\gamma)$ 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 $^2\text{H}(p,\gamma)^3\text{He}$ cross section at $E_p = 400 \text{ keV} - 800 \text{ keV}$
17	Heftrich	Partial cross sections of $^{181}\text{Ta}(n,\gamma)$ 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 $A \approx 130$ region across the $N=82$ neutron shell at TITAN, TRIUMF
26	Kurtulgil	Measurement of $^{69,71}\text{Ga}(n,\gamma)$ at astrophysical energies using the neutron time of flight facility n_TOF at CERN
27	Ludwig	Towards a study of the holy grail reaction $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ 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 $^{26}\text{Al}(p,\gamma)^{27}\text{Si}$ reaction

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Session 2

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33	Oprea	Astrophysical production of ^{146}Sm in nuclear p-processes
34	Petruse	Direct measurement of the $^{19}\text{F}(p,\alpha)^{16}\text{O}$ reaction using the LHASA detector array
35	Reich	Cross section measurement of the reaction $^{96}\text{Ru}(p,\gamma)$ via the activation method
36	Schmidt	Study of the $^3\text{He}(\alpha,\gamma)^7\text{Be}$ reaction at Dresden Felsenkeller
37	Schooger	The $^{22}\text{Ne}(p,\gamma)^{23}\text{Na}$ reaction from 800 to 1900 keV
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39	Shaglel	TeV-Scale Resonant Leptogenesis with New Scaling Ansatz on Neutrino Dirac Mass Matrix from A4 Flavor Symmetry
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41	Shelley	Machine learning for energy surfaces for neutron star inner crusts
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43	Skakun	Cross sections of the $^{113}\text{In}(\gamma,n)^{112\text{m},g}\text{In}$ reaction for they-process
44	Spampinato	Indirect study of the $^3\text{He}(n,p)^3\text{H}$ reaction at cosmological energies
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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 $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$
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