



The NIC-IX Program – Poster session 20

Wednesday, June 28, 10:10-11:00

- 20.01 Level structure of ^{19}Ne from studies of the $^{17}\text{O}(^3\text{He},n)^{19}\text{Ne}$ reaction
HORNISH, M.; BRUNE, C.
- 20.02 The rp-process in core-collapse supernovae
WANAJO, Shinya
- 20.03 The weak r-process in core-collapse supernovae
WANAJO, Shinya
- 20.04 Elastic scattering of ^8B on Pb, liquid Hydrogen and liquid Helium targets and the $^7\text{Be}(p,\gamma)^8\text{B}$ S-factor
BISHOP, Shawn
- 20.05 Low energy nuclear reaction measurements using monolithic silicon telescope
NISHIMURA, Shunji
- 20.06 Photonuclear reactions of light nuclei studied with high-intensity real photon beams
SHIMA, Tatsushi
- 20.07 Supernova physics with a low-energy beta-beam
JACHOWICZ, Natalie; MCLAUGHLIN, Gail
- 20.08 The detailed abundance patterns of light neutron-capture elements in very metal-poor stars
HONDA, Satoshi
- 20.09 Neutrino opacities in a relativistic non interacting neutron gas
VANTOURNHOUT, Klaas
- 20.10 Mass measurement of neutron-deficient nuclei close to the $N = Z$ line
HAGER, Ulrike
- 20.11 Hydrodynamic models of Type I X-ray bursts
JOSE, Jordi
- 20.12 Enhanced $d(d,p)t$ cross section in metallic environments
RAIOLA, Francesco
- 20.13 Thermonuclear burning ignition and propagation along the surface of neutron star during X-ray bursts
GRYAZNYKH, Dmitry A.; SIMONENKO, Vadim A.
- 20.14 Measurement of the partial (n,γ) cross section to ^{176}Lu at s-process temperatures
WINCKLER, Nicolas

- 20.15 Mapping of the $^{12}\text{C}^*$ and $^9\text{B}^*$ states of astrophysical interest via the $^{10}\text{B}(^3\text{He}, p\alpha\alpha\alpha)$ reaction
ALCORTA, Martin
- 20.16 Fission fragments of actinide and superheavy nuclides in primordial Solar system material and problem of their origin
GONCHAROV, Georgy
- 20.17 A nonperturbative field-theoretical model for nuclear matter without the sigma and omega
JENA, Saktidhar
- 20.18 Spectroscopic analyses of subluminous B stars in binaries
GEIER, Stephan
- 20.19 A new approach to the solution of large thermonuclear burning networks
GUIDRY, Mike
- 20.20 Experiments and observations of light r-process nuclei
MONTES, Fernando
- 20.21 Neutrino nucleosynthesis of the exotic nuclei ^{138}La and ^{180}Ta by charged current reactions
BYELIKOV, Anatoliy
- 20.22 Measurement of the $^{62}\text{Ni}(n,\gamma)^{63}\text{Ni}$ reaction cross section at $3 < E_n < 100$ keV
NAGAI, Yasuki
- 20.23 Study of unbound ^{19}Ne states via the proton transfer reaction $^2\text{H}(^{18}\text{F}, \alpha + ^{15}\text{O})n$
ADEKOLA, A.; BRUNE, C. R.
- 20.24 Multiple particle break-up studies in the neutron rich Li isotopes
MADURGA FLORES, Miguel
- 20.25 Activation method for cross section measurements related to the p-process nucleosynthesis
ÖZKAN, Nalan
- 20.26 Activation measurement of the $^{19}\text{F}(n,\gamma)^{20}\text{F}$ cross section at $kT=25$ keV
UBERSEDER, Ethan
- 20.27 The late-time supernova evolution induced by anisotropic neutrino radiation and the r-process environment
MOTIZUKI, Yuko
- 20.28 Nucleosynthesis in AGB stars: Results from the STARS code
STANCLIFFE, Richard
- 20.29 E2 and E1 cross section of the $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ reaction obtained at $E_{\text{cm}} = 1.6$ and 1.4 MeV
MAKII, Hiroyuki
- 20.30 Signatures of AGB nucleosynthesis in dwarf galaxies
FENNER, Yeshe

- 20.31 Single point off-center helium ignitions as origin of some type Ia supernovae
FORCADA, Ramon; GARCÍA-SENZ, Domingo; JOSÉ, Jordi
- 20.32 Fission recycling in the r-process and formation of the second peak with $A \sim 130$
PANOV, Igor
- 20.33 Neutrino-induced nucleosynthesis as a probe into the mechanism of supernovae
NADYOZHIN, Dmitrij
- 20.34 Nuclear structure properties of neutron-rich r-process isotopes
WOEHR, Andreas
- 20.35 Measurement of the temperature dependence of ^7Be decay in different chemical environments
LIMATA, Benedicta Normanna
- 20.36 Astrophysics at the future rare isotope accelerator
SMITH, Michael
- 20.37 Neutron capture during the freeze-out of the r-process
FAROUQI, Khalil
- 20.38 Astrophysical implications of the $^{139}\text{La}(n,\gamma)$ and $^{151}\text{Sm}(n,\gamma)$ cross sections measured at n_TOF
STEFANO, Marrone