



The NIC-IX Program – Poster session 18

Monday, June 26, 16:10-17:10

- 18.01 Abundances of Mn, Co and Eu in a sample of 20 F-G disk stars: the influence of hyperfine structure splitting
DEL PELOSO, Eduardo
- 18.02 Coherent effects in nuclear pasta matter
PEREZ GARCIA, Angeles
- 18.03 Pre-supernova models at low metallicities
HIRSCHI, Raphael
- 18.04 Breakup and competing processes in reactions involving weakly bound nuclei
SZANTO DE TOLEDO, Alejandro
- 18.05 $^{18}\text{F}(\alpha, p)^{21}\text{Ne}$ reaction: neutron source for r-process in supernovae
LEE, Hye Young
- 18.06 Abundance clues to the natures of the "Main" and the "Weak" r-processes
KRATZ, Karl-Ludwig; PFEIFFER, Bernd; FAROUQI, Khalil; COWAN, John, J.; SNEDEN, Chris; TRURAN, James, W.
- 18.08 Structure of doorway states above the $K^\pi = (8^+)$, $t_{1/2} \sim 2.0 \times 10^5$ yr isomer in ^{186}Re and their impact on the accuracy of the $^{187}\text{Re}/^{187}\text{Os}$ cosmochronometer
KONDEV, Filip G
- 18.09 Indirect techniques in nuclear astrophysics
MUKHAMEDZHANOV, Akram Zhanov
- 18.10 Measurement of the stellar (n, γ) cross section of ^{54}Fe
COQUARD, Laurent
- 18.11 First measurements of the total and partial stellar neutron cross sections to the s-process branching-point ^{79}Se
DILLMANN, Iris
- 18.12 Present status of the KADoNiS database
DILLMANN, Iris; PLAG, Ralf
- 18.13 Light from the ashes: Explosion physics and nucleosynthesis from the X-ray spectra of Type Ia supernova remnants
BADENES, Carlos
- 18.14 Lead abundance and the weak r-process in the metal-poor star K462 (M15)
HANNAWALD, Michael

- 18.15 The production of germanium in asymptotic giant branch stars
KARAKAS, Amanda
- 18.16 r-process nucleosynthesis in Alfvén wave-driven proto-neutron star winds
SUZUKI, Takeru
- 18.17 Excitation functions of (p,n)-reactions on ^{115}Sn , ^{116}Sn and ^{120}Sn isotopes
SKAKUN, Yevgen
- 18.18 Experimental determination of the $^{41}\text{Ca}(n,\alpha)^{38}\text{Ar}$ reaction cross section as a function of the neutron energy
DE SMET, Liesbeth
- 18.19 Towards a direct measurement of the $^{15}\text{O}(\alpha,\gamma)^{19}\text{Ne}$ cross section: a first approach using the $^{15}\text{O}+\alpha$ elastic scattering
ANGULO, Carmen
- 18.20 Gravitational wave emission during the transition from rapidly differentially rotating neutron stars to strange stars
YASUTAKE, Nobutoshi
- 18.21 Can supernova neutrino nucleosynthesis constrain neutrino oscillation parameters?
YOSHIDA, Takashi
- 18.22 r-process nucleosynthesis in a collapsar
NAGATAKI, Shigehiro