

Poster 1:

Transition strengths in radioactive Ba-140, Xe-140 - Magnetic Moment of the first 2+ state

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Poster 2:

First results of reactions induced with exotic beams in the ^{11}Be with CHIMERA array

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Poster 3:

BECOLA: Laser Spectroscopy and Beta-NMR at NSCL

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Poster 4:

New CsI(Na) Hodoscope array for the S800 spectrograph at NSCL

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Poster 5:

Novae and ^{19}Ne

Patrick O'Malley, D. W. Bardayan, K. Chae, W. A. Peters, R. Kozub, J. A. Cizewski, M.S. Smith

Poster 6:

Development of Diamond Detector as a timing detector for mass measurements

Motonobu Takaki, CNS/Univ. Tokyo

Poster 7:

Fission Barrier And The Maximum Spin and Excitation Energy in 254 No

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Poster 8:

Optical Model Analysis for 26Al Elastic Scattering of Protons and Deuterons

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Poster 9:

BECOLA: Collinear Laser Spectroscopy at NSCL

S. Vinnikova, B.R. Barquest, G. Bollen, A. Klose, P.F. Mantica, K. Minamisono, D.J. Morrissey, R. Ringle, S. Schwarz

Poster 10:

The search for nuclear molecular structures in isobaric analog states of ^{10}B

A. Kuchera, G.V. Rogachev, V.Z. Goldberg, E.D. Johnson, L.E. Miller, S. Cherubini, M. Gulino, J. Hardy, M. LaCognata, M. Lattuada, R.G. Pizzone, S. Romano, C. Spitaleri, R.E. Tribble, W.H. Trzaska, and A. Tumino.

Poster 11:

General Features of $^{48}\text{Ca}+^{124}\text{Sn}$ Heavy-ion Reactions at 45 AMeV

M.J. Quinlan, I. Pawelczak, H. Singh, J. Toke, and W.U. Schroder for the CHIMERA Collaboration

Poster 12:

The TIGRESS Integrated Plunger (TIP)

Aaron Chester, Robert Henderson, Krzysztof Starosta, and the TIGRESS Collaboration.

Poster 13:

Sub-nanosecond Lifetime Measurements with Ultra-Fast Detection Systems

Nathan D'Olympia

Poster 14:

Populating a state in ^{24}O above the two neutron separation energy

J. Snyder, C. Hoffman, S. Mosby, A. Spryou, and M. Thoennessen

Poster 15:

Study of low-lying states in the one-neutron halo nucleus ^{11}Be using the neutron transfer reaction $^{10}\text{Be}(d,p)$

KT Schmitt, DW Bardayan, JC Blackmon, S Brown, KY Chae, KA Chipps, JA Cizewski, KI Hahn, KL Jones, JJ Kolata, RL Kozub, JF Liang, C Matei, M Matos, BH MOazen, CD Nesaraja, PD O'Malley, SD Pain, WA Peters, ST Pittman, A Roberts, D Shapira, JF Shriner, MS Smith, DW Stracener, AN Villano, G Wilson

Poster 16:

Implementation of multi-channel electronics system for astrophysical reaction studies at ORNL

S.H. AHN, K.L. JONES, University of Tennessee at Knoxville, M. MATOS, Louisiana State University, D.W. BARDAYAN, K.Y. CHAE, M.S. SMITH, R.J. VARNER, Oak Ridge National Laboratory, J.M. ELSON, Washington University in St. Louis, M.A. FAMIANO, Western Michigan University"

Poster 17:

Studies of exotic decays with the OTPC detector

M. Pomorski, K. Miernik, W. Dominik, Z. Janas, M. Pfützner, L. Grigorenko, C.R. Bingham, H. Czyrkowski, M. Ćwiok, I.G. Darby, R. Dąbrowski, T. Ginter, R. Grzywacz, M. Karny, A. Korgul, W. Kuśmierz, S.N. Liddick, M. Rajabali, K. Rykaczewski and A. Stol

Poster 18:

**Detector Development at UML Radiation Laboratory
Emily Jackson**

Poster 19:

Coulomb Excitation of Cr Isotopes Approaching $N=40$

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Poster 20:

**Coulomb and Weak Interactions of Cosmic Ray Muons
Eric Henry**

Poster 21:

Study of ^{153}Gd by the (p,d-g)Reaction

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Poster 22:

Neutron damage testing of a GRETINA prototype detector.

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Poster 23:

Moments Method Approximation of Spin- and Parity-Dependent Nuclear Level Densities

Michael Scott, Mihai Horoi

Poster 24:

Very Low Energy Protons from Beta-Delayed p-decay of Proton-Rich Nuclei for Nuclear Astrophysics

E. Simmons, L. Trache, A. Banu, J.C. Hardy, V.E. Jacob, M. McCleskey, B.

Roeder, A. Spiridon, R.E. Tribble,

T. Davinson, G. Lotay, P.J. Woods, A. Saastamoinen, J. Aysto

Poster 25:

Isoscaling, SMM and the symmetry energy: connecting the dots

P. Marini, A. Bonasera, A. Botvina, Z. Kohley, L. W. May, G. Souliotis, R.

Tripathi S. Wuenschel and S. J. Yennello

Poster 26:

Measurements of the differential cross section for the proton scattering from ^{12}C , ^{27}Al at 9.5MeV

Hiroyuki Miyasako, Y. Maeda, T. Matsuda, J. Minami, T. Saito, K. Nagai, H. Nishida, I. Miyahara, T. Motoda

Poster 27:

Charge Exchange: An Introduction

Amanda Prinke, R. G. T. Zegers, S. Austin, D. Bazin, A. Cole, J. Deaven, Y. Fujita, C. J. Guess, G. W. Hitt, R. Meharchand, K. Meierbachtol, M. Nagashima, G. Perdikakis, M. Sasano, Y. Shimbara, and L. Uher.

Poster 28:

Development of like a 'match book' detector

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