

Nuclear Physics Working Group Business

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Upcoming Conferences

http://clasweb.jlab.org/csc/wiki/index.php/Main_Page#tab=Conferences

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|---|--|
| 2017 Fall Meeting of the APS Division of Nuclear Physics | 25 - 28 October / Pittsburgh, PA |
| EINN 2017, 12th European Research Conference on Electromagnetic Interactions of Nucleons and Nuclei | 29 October - 4 November / Paphos, Cyprus |
| HEP 2018, 7th International Conference on High Energy Physics in the LHC Era | 8 - 12 January / Valparaiso, Chile |

You must get Working Group approval. Please distribute to the mailing list the abstract 1-2 weeks before submission.

Since June 2017 meeting, there were 17 presentations.

Invited - 4 (2 approved)

Contributed - 2 (2 approved)

General - 10 (3 notified)

Poster - 1 (1 notified)

Current Analysis Reviews

| Analysis Note | Author | Committee | Status |
|---|------------------------------|---|---|
| <i>Study of the hadronization of charged pions</i> | R. Dupre, H. Hakobyan et al. | M. Wood (chair), S. Manly, A. Kim | 1 st round ended Dec. 3, 2016. Currently with the authors. |
| PROBING 2N-SRC in ¹² C, ²⁷ Al, ⁵⁶ Fe, and ²⁰⁸ Pb using the A(e,e'n) and A(e,e'p) reactions | M. Duer et al. | S. Stepanyan (chair), L. El Fassi, D. Watts | Ad hoc review. |
| Extracting the center-of-mass momentum distribution and the relative fraction of pp-SRC pairs in ¹² C, ²⁷ Al, ⁵⁶ Fe, and ²⁰⁸ Pb | E. O. Cohen et al. | S. Stepanyan (chair), L. El Fassi, D. Watts | 1 st round in April 2017 Currently with the authors |
| Neutral pion electroproduction ratios off C, Fe, and Pb to D | T. Mineeva et al. | L. Weinstein (chair), M. Wood, Y. Ilieva | 1 st round ended on June 2, 2014 Update at winter 2018 NPWG meeting |
| gd->pi p p_SPEC (E _g =1.0-1.6 GeV) in Quasi-free Region | N. Pivnyuk et al. | N. Baltzell (chair), M. Paolone, O. Hen | 1 st round ended Jan. 17, 2017. Currently with the author. |
| Measurement of the Fifth Structure Function of the Deuteron | G. Gilfoyle et al. | S. Kuhn (chair), A. El Alaoui, K. Hafidi | 1 st round ended Jan. 7, 2013. On hold |

PAC45 Results

| Proposal/LOI | Title | Contact | Status |
|---------------|--|---------------|----------|
| PR12-17-006 | Electrons for Neutrinos: Addressing Critical Neutrino-Nucleus Issues | O. Hen | C2 |
| PR12-17-012 | Partonic Structure of Light Nuclei | Z.-E. Meziani | A- |
| PR12-17-012A | Tagged EMC Measurements on Light Nuclei | R. Dupre | A- |
| PR12-17-012B | Spectator-Tagged Deeply Virtual Compton Scattering on Light Nuclei | W. Armstrong | A- |
| LOI 12-17-001 | Study of J/ψ Photoproduction off deuteron | Y. Ilieva | Endorsed |
| LOI 12-17-002 | Search for a ϕ -N Bound State at Hall B | H. Gao | Endorsed |