



# Nuclear Physics Working Group Business

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# Upcoming Conferences

[http://clasweb.jlab.org/csc/wiki/index.php/Main\\_Page#tab=Conferences](http://clasweb.jlab.org/csc/wiki/index.php/Main_Page#tab=Conferences)

<a href="#">MESON 2018, 15th International Workshop on Meson Production, Properties and Interaction</a>	7 - 15 June / Krakow, Poland
<a href="#">HYP 2018, 13th International Conference on Hypernuclear and Strange Particle Physics</a>	25 - 29 June / Newport News, VA
<a href="#">GRC Photonuclear Reactions</a>	August 7-12 / Holderness, NH
FB22, 22nd International Conference on Few-Body Problems in Physics	8 - 13 July / CAEN, France
<a href="#">QNP 2018, 8th International Conference on Quarks and Nuclear Physics</a>	13 - 17 November / Tsukuba, Japan

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

Since January 2018 meeting, there were 18 presentations.

Invited – 1 (approved)

Contributed – 1 (notified)

General – 1 (3 notified)

Poster – 1 (1 notified)

Seminars - 14

# Current Analysis Reviews

Analysis Note	Author	Committee	Status
<i>Validation of neutrino energy estimation using electron scattering data</i>	M. Khachatryan et al.	H. Egiyan (chair), S. Johnston, N. Dashyan	Pending the analysis note from the authors.
<i>Study of the hadronization of charged pions</i>	R. Dupre, H. Hakobyan et al.	M. Wood (chair), S. Manly, A. Kim	1 <sup>st</sup> round ended Dec. 3, 2016. 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 <sup>st</sup> round ended on June 2, 2014 Update at winter 2018 NPWG meeting
gd->pi p p_SPEC (E <sub>g</sub> =1.0-1.6 GeV) in Quasi-free Region	N. Pivnyuk et al.	N. Baltzell (chair), M. Paolone, O. Hen	1 <sup>st</sup> 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 <sup>st</sup> round ended Jan. 7, 2013. On hold

# Completed Reviews

Analysis Note	Author	Committee	Status
<i>Inclusive (e,e') Cross-Section Measurements of the EMC Effect and the <math>a_2</math> Plateau</i>	B. Schmookler et al.	S. Stepanyan (chair), G. Gavalian, H. Hakoyan	Fast track review; submitted to Science
PROBING 2N-SRC in $^{12}\text{C}$ , $^{27}\text{Al}$ , $^{56}\text{Fe}$ , and $^{208}\text{Pb}$ using the $A(e,e'n)$ and $A(e,e'p)$ reactions	M. Duer et al.	S. Stepanyan (chair), L. El Fassi, D. Watts	Submitted to Nature
Extracting the center-of-mass momentum distribution and the relative fraction of pp-SRC pairs in $^{12}\text{C}$ , $^{27}\text{Al}$ , $^{56}\text{Fe}$ , and $^{208}\text{Pb}$	E. O. Cohen et al.	S. Stepanyan (chair), L. El Fassi, D. Watts	Ad hoc review

In the next few months, there will be analysis reviews from data mining by Schmookler, Duer, and Cohen.

# Nuclear Physics DC Day

“The goal of this event is for the user community to convey the importance of continued (and increased) funding for nuclear physics research to their elected officials, and meetings with the offices of representatives and senators are set up for this purpose.”

When: April 9, 2018

Where: Washington, D.C.

More information: <http://nuclearphysicsdcday.com>

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