



Nuclear Physics Working Group Business

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Current Analysis Reviews

Analysis Note	Author	Committee	Status
<i>Study of the hadronization of charged pions</i>	R. Dupre et al.	M. Wood (chair), S. Manly, A. Kim	1 st round ends Nov. 30, 2016
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. Deur et al.	S. Stepanyan (chair), L. El Fassi, D. Watts	1 st round ended Sep. 5, 2016
DVCS off of He-4	M. Hattawy et al.	M. Garcon (chair), S. Kuhn, Z. Meziani	Last version on Sep. 27, 2016
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
gd->pi p p_SPEC (Eg=1.0-1.6 GeV) in Quasi-free Region	N. Pivnyuk et al.	S. Strauch (chair), B. McKinnon, M. Mirazita	Disbanded Nov. 1, 2016. Forming a new committee.
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

PAC₄₄ Proposals

Proposal	Title	Contact Person
PR12-16-011	Tagged EMC Measurements on Light Nuclei	Raphael Dupre
PR12-16-011A	Partonic Structure of Light Nuclei	Zein-Eddine Meziani
PR12-16-011B	Tagged Deeply Virtual Compton Scattering Off Light Nuclei	Whitney Armstrong

PAC decision: Deferred

NPWG Webpage

The NPWG secure webpage is <https://www.jlab.org/Hall-B/secure/nuclear/>

It is linked in a few places on the Hall B webpages:

CLAS wiki: https://clasweb.jlab.org/wiki/index.php/CLAS_Wiki

CLAS12 wiki: https://clasweb.jlab.org/wiki/index.php/CLAS12_Wiki

What would the group like to see on the page?

Talks

14:00 - 18:00

Nuclear Physics Working Group

Convener: Lamiaa El Fassi (MSU)

Location: CEBAF Center (A110)

14:00 **Nuclear Physics Working Group business 15'**

14:15 **Probing 2N-SRC with the $A(e,e'n)$ and $A(e,e'p)$ reactions. 35'**

Speaker: Meytal Deur (Tel Aviv University)

14:50 **Study of SRC with the $A(e,e'pn)$ reaction. 35'**

Speaker: Igor Korover (Tel Aviv University)

15:25 **Coherent Electro-production of the Neutral Pion off He-4 35'**

Speaker: Bayram Torayev (Old Dominion University)

16:00 **Coffee Break 30'**

16:30 **EC Calibration for Improved eta and pi0 Reconstruction 35'**

Speaker: Frank Cao (University of Connecticut)

17:05 **BoNuS12 Tracking Update 35'**

Speaker: Krishna Adhikari (Mississippi State University)