



Nuclear Physics Working Group Business

M. H. Wood, Canisius College

November 15, 2018

Conferences

Since July 2018 meeting, there were 27 presentations.

Invited – 6 (5 approved)

Contributed 6 (5 notified)

General – 13 (5 notified)

Poster – 2 (1 notified)

Active Reviews

- **Neutral pion electroproduction ratios off C, Fe, and Pb to D, T.** Mineeva et al. (Analysis review)
- **Validation of neutrino energy estimation using electron scattering data,** L. Weinstein et al. (analysis review)
- **First exclusive Deeply Virtual Compton Scattering measurement off bound nucleon in ^4He ,** M. Hattawy et al. (Collaboration review)
- **EMC Effect and Correlated Nucleons: When One Plus One is not Two,** B. Schmookler (submitted to Nature Physics)
- **Measurement of Transparency Ratios for Protons and Neutrons,** M. Duer et al. (submitted)

PAC46

E12-17-006 Approved with A rating

- Electrons for Neutrinos: Addressing Critical Neutrino- Nucleus Issues
- Exclusive Studies of Short Range Correlations in Nuclei using CLAS12

RG Schedule (strawman)

Run Group	Days	2016	2017	2018	2019	2020	2021	2022	Remain
All Run Groups	1136 ^{#)}	30		56	90	40	105	110	705
HPS	180*	15			31		30		104
PRad	15*	15							0
RG-A	139*			22 29	14				74*
RG-B (deuteron)	90*				20 25				45*
RG-F (BoNuS)	42*					40			2
RG-C (NH ₃ ,ND ₃)	185						45 40		100
RG-E (Hadr.)	60								60
RG-H (Trans Target)	110*								110
RG-D (CT)	60						30		30
RG-G (LiD)	55								55
RG-K (N [*] _G /Conf.)	100			5				35	60
RG-L (ALERT)	55								55
RG-M (e4ν, <u>src</u>)	45							30	15



Jeopardy
Accelerator down

Run Group presentations Wednesday afternoon

updated 11/11/2018