



MISSISSIPPI STATE
UNIVERSITY™

Nuclear Physics Working Group Report

**CLAS Collaboration Meeting
Jefferson Lab**

October 22nd, 2015

**Lamiaa El Fassi
(on behalf of Kawtar Hafidi)**

Analyses Under Review: Update

Neutral pion electroproduction ratios off C, Fe, and Pb

By T. Mineeva, University of Connecticut

First round

Review committee: L. Weinstein (Chair), Y. Ilieva and M. Wood

Measurements of the Fifth Structure Function of the Deuteron

By G. Gilfoyle, University of Richmond

First round

Review committee: S. Kuhn (Chair), A. El Alaoui and S. Gilad

Differential cross sections for reactions $\gamma + d \rightarrow \pi^- p$ p_spec

N. Pivnyuk, ITEP

Second round

Review committee: S. Strauch (Chair), B. McKinnon and M. Mirazita

Analyses Under Review: New

Deeply Virtual Compton Scattering off 4He

By Mohammad Hattawy et al., IPN Orsay

First round

Review committee: Michel Garçon (Chair), Sebastian Kuhn & Zein-Eddine Meziani

Analyses Under Review: New

Deeply Virtual Compton Scattering off 4He

By Mohammad Hattawy et al., Orsay

First round

Review committee: Michel Garçon (Chair), Sebastian Kuhn & Zein-Eddine Meziani

Stay tuned for the next set of SRC analyses led by Or Hen, Erez Cohen et al., as part of Data-Mining project

NPWG Agenda for Thursday October 22nd, 2015

14:00 Nuclear Physics Working Group status	L. El Fassi (for K. Hafidi)	10'
14:10 Extension of ND3 run group	Silvia Niccolai	40'
14:50 Update on the analysis of YN interaction	Nick Zachariou	15' + 5'
15:10 Coffee Break		20'
15:30 Progress on Measurement of the double polarization observables C_x and C_z for final-state interactions in $\text{pol}(\gamma) + d \rightarrow K^+ \text{pol}(\lambda)\text{n}$	Tongtong Cao	20' + 5'
15:55 Status of eg2 single pion production analysis	Steve Manly & Hyupwoo Lee	20' + 5'
16:20 Tagged EMC from eg2 data	Barak Schmookler	20' + 5'