

PAC 30 Proposals and Letters of Intent

< 5 GeV Hall B Proposals							
Proposal #	TITLE	CONTACT PERSON	HALL	DAYS	JEOPARDY REVIEW OF EXPT #	READINGS ASSIGNED TO	SIMILAR PROPOSAL MESSAGE SENT
PR-06-101	N* Resonances in Pseudoscalar-meson photo-production from Polarized Neutrons in HD and a complete determination of the $\gamma n \rightarrow K^0 \Lambda$ amplitude	A. Sandorfi	B	85		Bowman, Pennington	
PR-06-102	Search for Modification of Vector Meson Properties in Nuclei	D. Weygand	B	36		Holt, Kinney	
PR-06-103	Kaon Production on the Deuteron Using Polarized Photons	P.-Turonski	B	48		Pennington, Bowman	

< 5 GeV Letters of Intent							
Proposal #	TITLE	CONTACT PERSON	HALL	DAYS	JEOPARDY REVIEW OF EXPT #	READINGS ASSIGNED TO	SIMILAR PROPOSAL MESSAGE SENT
LOI-06-101	Measurement of the Azimuthal Asymmetry in Deuteron Disintegration by Linearly Polarized Photons at $E_\gamma = 1.1$ - 2.3 GeV	H. Avagyan	B			Holt, Meziani	

12GeV Proposals

12 GeV Proposal #	TITLE	CONTACT PERSON	HALL	DAYS	JEOPARDY REVIEW OF EXPT #	READINGS ASSIGNED TO	SIMILAR PROPOSAL MESSAGE SENT
PR12-06-101	Measurement of the Charged Pion Form Factor to High Q^2	G. Huber	C	55		Ripani, Kox	
PR12-06-102	Mapping the Spectrum of Light Quark Mesons and Gluonic Excitations with Linearly Polarized Photons	A. Dzierba	D	120		Pennington, Ripani	
PR12-06-103	Single Charged Pion Photo-production from the Nucleon at 11 GeV	D. Dutta	C	10		Makins, Badelek	
PR12-06-104	Measurement of the Ratio $R=\sigma_L/\sigma_T$ in Semi-Inclusive Deep-Inelastic Scattering	R. Ent	C	40		Meziani, Makins	
PR12-06-105	Inclusive Scattering from Nuclei at $x>1$ in the quasielastic and deeply inelastic regimes	D. Day	C	32		Ripani, Ji	
PR12-06-106	Study of color Transparency in Exclusive Vector Meson Electroproduction off Nuclei	K. Hafidi	B	40		Meziani, Cates	
PR12-06-107	The Search for Color Transparency at 12 GeV	D. Dutta	C	26		Cates, Kox	
PR12-06-108	Hard Exclusive Electroproduction of π^0 and η with CLAS12	P. Stoler	B			Holt, Pennington	
PR12-06-109	The Longitudinal Spin Structure of the Nucleon	K. Griffioen	B	80		Kinney, Meziani	
PR12-06-110	Measurement of Neutron Spin Asymmetry A_1^n in the Valence Quark Region Using an 11 GeV Beam and a Polarized ^3He Target in Hall C	X. Zheng	C	53		Ripani, Kox	
PR12-06-111	Probing the Light Quark Sea Flavor Asymmetry With Semi-inclusive Charged Pion Production in Hall C	A. Bruell	C	52		Makins, Badelek	
PR12-06-112	Probing the Proton's Quark Dynamics in Semi-Inclusive Pion Production at 12 GeV	H. Avagyan	B			Kinney, Makins	
PR12-06-113	The Structure of the Free Neutron at Large x_{Bjorken}	S. Bueltmann	B	40		Meziani, Cates	
PR12-06-114	Measurements of Electron-Helicity Dependent Cross Sections of Deeply Virtual Compton Scattering with CEBAF at 12 GeV	C. Munoz	A	100		Badelek, Ji	
PR12-06-115	Study of the Short Range Properties of Nucleons at $Q^2 \leq 12 \text{ GeV}^2$ Using $d(e, e'p)n$ with CLAS12	K. Griffioen	B	32		Kox, Holt	
PR12-06-116	Nucleon Resonance Studies with CLAS12 in the Transition from Soft to Partonic Physics	R. Gothe	B	60		Penninton, Ripani	
PR12-06-117	Quark Propagation and Hadron Formation	W. Brooks	B	60		Cates, Meziani	

PR12-06-118	Measurement of the F_2^n/F_2^p , d/u Ratios and A=3 EMC Effect in Deep Inelastic Scattering off the Tritium and Helium Mirror Nuclei	G.. Petratos	A	31		Bowman, Kinney	
PR12-06-119a	Deeply Virtual Compton Scattering with CLAS at 11 GeV: Unpolarized target	F. Sabatie	B	80		Ji, Badelek	
PR12-06-119b	Deeply Virtual Compton Scattering with CLAS at 11 GeV: Polarized target	F. Sabatie	B	120		Badelek, Ji	
PR12-06-120	Probing Quark-Gluon Correlations in the Neutron: A Precision Measurement of the Neutron g_2 and d_2 at High Q^2 in Hall A	B. Sawatzky	A	29		Kinney, Ji	
PR12-06-121	A Path to "Color Polarizabilities" in the Neutron: A Precision Measurement of the Neutron g_2 and d_2 at High Q^2 in Hall C	B. Sawatzky	C	29		Ji, Kinney	
PR12-06-122	Measurement of neutron asymmetry A_1^n in the valence quark region using 8.8 GeV and 6.6 GeV beam energies and Bigbite spectrometer in Hall A	N. Liyanage	A	23		Kox, Ripani	

12 GeV LETTERS OF INTENT

12GeV LOI #	TITLE	CONTACT PERSON	HALL	DAYS	JEOPARDY REVIEW OF EXPT #	READINGS ASSIGNED TO	SIMILAR PROPOSAL MESSAGE SENT
LOI12-06-103	A Letter of Intent to PAC30: G_E^p/G_M^p with an 11 GeV electron beam	E. Brash	C			Ji, Ripany	
LOI12-06-104	Charged Pion Electroproduction Ratios at High p_T	G. Huber	C			Badelek, Pennington	
LOI12-06-105	LOI: Deuteron Photo-disintegration at High Energies	E. Schulte	C			Makins, Ji	
LOI12-06-106	Anti-shadowing and the EMC effect at very large-x	J. Arrington	C			Kox, Cates	
LOI12-06-107	Measurement of the Neutron Magnetic Form Factor at High Q^2 with the Ratio Method on Deuterium	G. Gilfoyle	B			Holt,Cates	
LOI12-06-108	Transverse Polarization Effects in Hard Scattering at CLAS12	H. Avagyan	B			Badelek,Makins	
LOI12-06-109	Semi-Inclusive Pion Production with a Longitudinally Polarized Target at 12 GeV	H. Avagyan	B			Makins,Badelek	
LOI12-06-110	Precision Measurement of the Parity-Violating Asymmetry in Deep Inelastic Scattering off Deuterium using Baseline 12 GeV Equipment in Hall C	P. Reimer	C			Kox, Bowman	