

- p-DVCS@CLAS12 - CLAS12 and PWG endorsed – PR12+23-002
Beam charge asymmetries for deeply virtual Compton scattering on the proton at CLAS12
E. Voutier, V. Burkert, S. Niccolai, R. Paremuzyan
- Coulomb corrections in DIS - PWG endorsed – PR12+23-003
Measurement of deep inelastic scattering from nuclei with electron and positron beams to constrain the impact of Coulomb corrections in DIS
D. Gaskell, N. Fomin, B. Henry
- A' search - PWG endorsed – PR12+23-005
A dark photon search with a JLab positron beam
B. Wojtsekhowski, A. Gasparian, N. Liyanage, B. Raydo
- p-DVCS@NPS - PWG endorsed – PR12+23-006
Deeply virtual Compton scattering using a positron beam in Hall C
C. Muñoz Camacho, M. Mazouz
- TPE@CLAS12 - CLAS12 and PWG endorsed – PR12+23-008
A direct measurement of hard two-photon exchange with electrons and positrons at CLAS12
A. Schmidt, J.C. Bernauer, V. Burkert, E. Cline, I. Korover, T. Kutz, N. Santiesteban
- e⁺ Super-Rosenbluth – PR12+23-012
A measurement of two-photon exchange in unpolarized elastic positron-proton and electron-proton scattering
J. Arrington, M. Nycz, S.N. Santiesteban, M. Yurov

- p-GPs - PWG endorsed – LOI12+23-001
Measurement of the generalized polarizabilities of the proton with positron and polarized electron beams
N. Sparveris
- Axial form factor - PWG endorsed – LOI12+23-002
The axial form factor of the nucleon from weak capture of positrons
D. Dutta
- Dark Bhabha – LOI12+23-005
A hopefully amplitude-level search for a Dark Photon in Bhabha scattering
D. Mack
- TPE in polarization transfer – LOI12+23-008
Polarization transfer in positron-proton elastic scattering
A. Puckett, J.C. Bernauer, A. Schmidt
- Dispersive effects in DIS – LOI12+23-015
Energy dependence of dispersive effects in unpolarized inclusive elastic electron/positron-nucleus scattering
the impact of Coulomb correct
P. Gueye, J. Arrington, P. Giuliani, D. Higinbotham

2023 Submissions @ JLab PAC51

Short Name	Experiment		Measurement Configuration			Beam Parameters				Time (d)
	Label	Contact	Hall	Detector	Target	Polarity	p (GeV/c)	P (%)	I (μ A)	
<i>Two Photon Exchange Physics</i>										
Coulomb Distorsion	PR12+23-003	D. Gaskell	C	HMS	LD ₂ ,Au	+	4.4/11.	0	1.0	10
TPE@CLAS12	PR12+23-008	A. Schmidt	B	CLAS12	LH ₂	+/- _s	2.2/4.4/6.6	0	0.075/0.075	55
Super-Rosenbuth	PR12+23-012	M. Nycz	C	HMS	LH ₂	+/-	0.65-11.	0	1.0/20.	56
Polarization Transfert	LOI12+23-008	A. Puckett	A	SBS+BigCal	LH ₂	+	2.2/4.4	60	0.200	120
Dispersive Effects	LOI12+23-015	P. Gueye	A,C	HRS or HMS	C,Al,Cu,Ca,Fe,Pb	+	0.6-4.4	0		
<i>Nuclear Structure Physics</i>										
DVCS BCAs	PR12+23-002	E. Voutier	B	CLAS12	LH ₂	+/- _s	2.2/11.	60/60	0.050/0.050	100
DVCS XSection	PR12+23-006	C. Muñoz Camacho	C	SHMS+NPS	LH ₂	+	6.6/8.8/11.	0	1.0	135
Polarizabilities	LOI12+23-001	N. Sparveris	C	SHMS+HMS	LH ₂	+/-	2.2	0	5.0/50.	77
Axial Form Factor	LOI12+23-002	D. Dutta	A,C	mTPC+SBS	² H	+	2.0-6.0	60	0.200	60
<i>Beyond the Standard Model Physics</i>										
Dark Photon Search	PR12+23-005	B. Wojtsekhowski	B	PRad	LH ₂	+	2.2/4.4/11.	0	0.050	60
Dark Bhabha	LOI12+23-005	D. Mack	C	Pair Spec.	e^-	+	0.50-11.			

6 e⁺ Proposals and 5 e⁺ Lols to PAC51

Reviewers

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