Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Few Body Nuclear Properties: Approved

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★	E-89-012	C	Two-Body Photodisintegration of the Deuteron at Forward Angles and Photon Energies between 1.5 and 4.0 GeV	D. Bray R. Holt*	CIT ANL	10	A-
★	E-89-019	A	Measurement of Proton Polarization in the d(γ, ρ)n Reaction	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U	18	B+
★	E-89-028	A	Polarization Transfer Measurements in the D(e,e'p)n Reaction	J. Finn* P. Ulmer	W&M ODU	8	B-
★	E-89-044	A	Selected Studies of the ^{3}He and ^{4}He Nuclei through Electrodisintegration at High Momentum Transfer	M. Epstein A. Saha* E. Voutier	California SU JLab ISN	30	B+
☆̅	E-91-003	C	A Study of Longitudinal Charged Pion Electroproduction in D_2, ^{3}He, and ^{4}He	H. Jackson	ANL	21	B+
★	E-91-026	A	Measurement of the Electric and Magnetic Elastic Structure Functions of the Deuteron at Large Momentum Transfers	J. Gomez G. Petratos*	JLab Kent State U	24	B+
★/	E-93-017	B	Study of $\gamma d \to pn$ and $\gamma d \to p\Delta^0$ Reactions for Small Momentum Transfers	E. De Sanctis P. Rossi*	INFN INFN	23	B+
☆̅	E-93-044	B	Photoreactions on ^{3}He	G. Audit B. Berman* P. Corvisiero	SACLAY GWU INFN	25	B
★	E-93-049	A	Polarization Transfer in the Reaction ^{4}He(e,e'p)^{3}H in the Quasi-elastic Scattering Region	R. Ent P. Ulmer J. Van Den Brand*	JLab ODU U of Wisconsin	12	B+
★/	E-94-004	A	In-Plane Separations and High Momentum Structure in d(e,e'p)n	M. Jones P. Ulmer*	JLab ODU	29	B

★*Completed Experiment* ☆*Partially Completed* ★/*Original experiment partially completed but considered complete by the Collaboration as the major goals were achieved (no additional running planned)* ☆̅*Partially complete (continuation halted by PAC during a jeopardy review)*

**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Few Body Nuclear Properties: Approved Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam Days	Rating
★ E-94-018	C	Measurement of the Deuteron Tensor Polarization at Large Momentum Transfers in D(e,e'd) Scattering	E. Beise S. Kox*	U of Maryland ISN	47	A-
★ E-94-019	B	Measuring Nuclear Transparency in Double Rescattering Processes	K. Egiyan K. Griffioen* M. Strikman	Yerevan W&M Penn State	16	B+
★ E-94-102	B	Electron Scattering from a High Momentum Nucleon in Deuterium	K. Griffioen S. Kuhn*	W&M ODU	16	B+
★ E-94-104	A	The Fundamental γ n$\rightarrow$ $\pi^-\rho$ Process in ^{2}D, ^{4}He, and ^{12}C in the 1.2 - 6.0 GeV Region	H. Gao* R. Holt	Duke U ANL	18	B+
★ E-95-001	A	Precise measurements of the Inclusive Spin-dependent Quasi-elastic Transverse Asymmetry A_T from ^{2}H(e,e') at low Q^2	H. Gao* J. O. Hansen	Duke U JLab	15	B
★ E-96-003	C	Two-Body Photodisintegration of the Deutron at High Energy	R. Holt	ANL	18	A-
★ E-97-001	B	Electroproduction of the ppπ^- System off the Deuteron Beyond the Quasifree Region	N. Pivniouk* L. Vorobyev	ITEP ITEP	16	B-
★ E-99-008	A	Large Angle Two-Body Photodisintegration of the Deuteron at High Energy	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U		B
★ E-00-007	A	Proton Polarization Angular Distribution in Deuteron Photo-Disintegration	R. Gilman* R. Holt Z. E. Meziani	Rutgers U ANL Temple U	7	A-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Few Body Nuclear Properties: Approved Cont.

	Experiment	Hall	Title	Spokesperson	Institutions	Beam Days	Rating
★	E-01-020	A	PR-01-007 and PR-01-008 Combined	W. Boeglin* M. Jones A. Klein J. Mitchell P. Ulmer* E. Voutier	FIU U of Maryland ODU JLab ODU ISN	30	A-
	E-01-107	C	Measurement of Pion Transparency in Nuclei	D. Dutta R. Ent K. Garrow*	Duke U JLab TRIUMF	14	A-
	E-01-108	A	Detailed Study of the ^{4}He Through Response Function Separations at High Momentum Transfers	K. Aniol S. Gilad D. Higinbotham A. Saha*	California SU MIT JLab JLab	20	B+
	E-02-004	A	A(Q) at Low Q in ed Elastic Scattering	R. Gilman* X. Jiang K. McCormick	Rutgers U Rutgers U Rutgers U	5	B+
	E-02-010	A	The $\gamma + n \rightarrow \pi^- p$ Process from ^{2}H and ^{12}C and the $\gamma + p \rightarrow \pi^+ n$ Reaction	D. Dutta H. Gao R. Holt	Duke U Duke U ANL	8	B+
	E-02-108	A	Measurement of A_X and A_Z Asymmetries in the Quasi-Elastic ^{3} Reaction	W. Bertozzi D. Higinbotham B. Norum S. Sirca Z. Zhou	MIT JLab U of Virginia MIT	15	B+
	E-03-101	A	Hard Photodisintegration of a Proton Pair	R. Gilman* E. Piasetzky	Rutgers U U of Tel Aviv	13	B+

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Few Body Nuclear Properties: Approved Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-03-104	A	Probing the Limits of the Standard Model of Nuclear Physics with the ^{4}He(e,e'p)^{3}H Reaction	R. Ent R. Ransome S. Strauch* P. Ulmer	JLab Rutgers U GWU ODU	18	B+
E-03-105	B	Pion Photoproduction from a Polarized Target	N. Benmouna G. O'Rielly I. Strakovski S. Strauch*	GWU U Mass GWU Rutgers U	18	B+
E-04-018	A	Elastic Electron Scattering Off ^{3}He and ^{4}He at large momentum transfers	J. Gomez* A. Katramatou* G. Petratos*	JLab Kent State U Kent State U	36	A-

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved*

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★/	E-89-037	B	Electroproduction of the P_{33}(1232) Resonance	V. Burkert* R. Minehart	JLab U of Virginia	106	B+
★/	E-89-038	B	Measurements of $p(e,e'\pi^+)n$, $p(e,e'p)\pi^0$, and $n(e,e'\pi^-)p$ in the Second Resonance Region	V. Burkert M. Gai R. Minehart* R. Whitney	JLab U of Conn U of Virginia JLab	80	B+
★/	E-89-039	B	Amplitudes for the S_{11}(1535) and P_{11}(1710) Resonances from an $ep \rightarrow e'pn$ experiment	S. Dytman* K. Giovanetti	U of Pittsburgh JMU	48	B+
★/	E-89-042	B	Measurement of the Electron Asymmetry in $p(e,e'p)\pi^0$ and $p(e,e'\pi^+)$ in the Mass Region of the P_{33} (1232) for $Q^2 < 2$ $(GeV/c)^2$	V. Burkert* R. Minehart	JLab U of Virginia	80	A-
★/	E-91-002	B	The study of Excited Baryons at High Momentum Transfer with the CLAS Spectrometer	V. Burkert P. Stoler* M. Taiuti	JLab RPI INFN	32	B
★/	E-91-008	B	Photoproduction of η and η' Mesons	B. Ritchie	Arizona SU	65	A-
★	E-91-011	A	Investigation of the $N \rightarrow \Delta$ Transition via Polarization Observables in Hall A (previously titled- High-Precision Separation of Polarized Structure Function	S. Frullani J. Kelly A. Sarty*	INFN U of Maryland St. Marys	45	A-
★/	E-91-024	B	Search for "Missing" Resonances in the Electroproduction of Omega Mesons	V. Burkert H. Funsten* D. Manley B. Mecking	JLab W&M Kent State U JLab	32	B+
★/	E-93-006	B	Two Pion Decay of Electroproduced Baryon Resonances	V. Burkert M. Ripani*	JLab INFN	80	B+

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved Cont.*

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★/	E-93-012	B	Electroproduction of Light Quark Mesons	M. Kossov	ITEP	42	B+
★	E-93-031	B	Photoproduction of Vector Mesons at High t	M. Anghinolfi J. Laget C. Marchand*	INFN SACLAY SACLAY	17	A-
★/	E-93-033	B	A Search for Missing Baryons Formed in $\gamma p \rightarrow p\pi^+\pi^-$ Using the CLAS at CEBAF	J. Napolitano* D. Weygand	RPI JLab	65	B+
★	E-93-036	B	Measurement of Single Pion Electroproduction from the Proton with Polarized Beam and Polarized Target Using CLAS	R. Chasteler R. Minehart H. Weller*	Duke U U of Virginia Duke U	42	B+
★/	E-94-005	B	Determination of the *N*Δ Axial Vector Tansition Form Factor $G_A^{N\Delta}$ from the $ep \rightarrow e' \Delta^{++}\pi^-$	L. Elouadrhiri* D. Heddle	JLab CNU	53	B+
★/	E-94-008	B	Photoproduction of η and η' Mesons from Deuterium	B. Ritchie	Arizona SU	23	B-
★	E-94-012	A	Measurement of Photoproton Polarization in the $H(\gamma,p)\pi^0$ Reaction	R. Gilman* R. Holt	Rutgers U ANL	8	B+
★	E-94-014	C	The Δ(1232) Form Factor at High Momentum Transfer	P. Stoler	RPI	10	B
★/	E-94-015	B	Study of the Axial Anomaly using the $\gamma\pi^+ \rightarrow \pi^+\pi^o$ Reaction Near Threshold	R. Miskimen* K. Wang A. Yegneswaran	U Mass U of Virginia JLab	65	A-
★	E-94-016	B	A Measurement of Rare Radiative Decays of the φ Meson	A. Dzierba* J. Napolitano	Indiana U RPI	30	A
★/	E-94-103	B	The Photoproduction of Pions	W. Briscoe J. Ficenec* D. Jenkins	GWU VPI VPI	65	B

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved Cont.*

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
☆	E-94-109	B	Photoproduction of the Rho Meson from the Proton with Linearly Polarized Photons	P. Cole* J. Connelly* K. Livingston	JLab Glasgow U	20	B+
★	E-94-110	C	Measurement of R= σ_L / σ_T in the Nucleon Resonance Region	C. Keppel	Hampton U	9	B+
★	E-99-005	B	Meson Spectroscopy in Few-Body Decays	G. Adams C. Salgado* D. Weygand	RPI NSU JLab	10	B+
☆	E-99-013	B	Photoproduction of omega mesons off protons with linearly polarized photons	P. Cole F. Klein*	JLab CUA	10	B+
★/	E-99-105	B	Deeply Virtual Electroproduction of Vector Mesons	M. Garcon* M. Guidal E. Smith*	SACLAY IPN ORSAY JLab	30	B+
★	E-99-107	B	N* Excitations at High Q^2 in the $p\pi^\circ$, $p\eta$, and $n\pi^+$ Channels	V. Burkert* R. Minehart P. Stoler* M. Taiuti	JLab U of Virginia RPI INFN	30	B+
★	E-99-108	B	N* Excitations at High Q^2 in the Two-Pion Channel	V. Burkert* M. Ripani	JLab INFN	30	B+
★	E-99-117	A	Precision Measurement of the Neutron Asymmetry A_1^n at Large x using CEBAF at 6 GeV	J. P. Chen Z. E. Meziani* P. Souder	JLab Temple U Syracuse U	21	B+
★	E-99-118	C	Measurement of the Nuclear Dependence of R= σ_L / σ_T at Low Q^2	A. Bruell J. Dunne C. Keppel*	JLab MSU Hampton U	16	B+

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved Cont.*

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★	E-00-002	C	F_2^N at Low Q^2	C. Keppel M. I. Niculescu*	Hampton U GWU	8	A-
★	E-00-116	C	Update E97-010: Measurement of Hydrogen and Deuterium Inclusive Resonance Cross Sections at Intermediate Q^2 for Parton-Hadron Duality Studies	C. Keppel	Hampton U	3	B+
★	E-01-002	C	Update to E97-101: Baryon Resonance Electroproduction at High Momentum Transfer	P. Bosted V. Frolov M. Jones V. Koubarovski P. Stoler*	U Mass RPI U of Maryland RPI RPI	25	B+
★	E-01-006	C	Update to 96-002 - Precision Measurement of the Nucleon Spin Structure Functions in the Region of the Nucleon Resonances	O. Rondon-Aramayo	U of Virginia	14	B+
★	E-01-012	A	Measurement of Neutron (^{3}He) Spin Structure Functions in the Resonance Region	J. P. Chen S. Choi N. Liyanage*	JLab Temple U U of Virginia	18	B+
★	E-01-017	B	Extension to E99-005: Meson Spectroscopy in Few-Body Decays	G. Adams C. Salgado* D. Weygand	RPI NSU JLab	6	A-
★	E-01-112	B	Photoproduction of Vector Mesons off Nuclei - Update to 94-002	C. Djalali M. Kossov D. Weygand*	USC ITEP JLab	18	A-
	E-02-012	B	Coherent Vector Meson Production off the Deuteron	F. Klein L. Kramer* S. Stepanyan	CUA FIU ODU	50	A-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved Cont.*

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-02-103	B	A Precision Measurement of the Neutral Pion Lifetime via the Primakoff Effect	D. Dale S. Danagoulian A. Gasparian* R. Miskimen	U of Kentucky NCAT State U NCAT State U U Mass	22	A
E-02-112	B	Search for Missing Nucleon Resonances in the Photoproduction of Hyperons Using A Polarized Photon Beam and A Polarized Target	P. Eugenio F. Klein* L. Todor	FSU CUA CMU	20	A-
E-03-004	A	Measurement of Single Target-Spin Asymmetry in Semi-Inclusive Pion Electroproduction on a Transversely Polarized ^{3}He Target	J. P. Chen X. Jiang* J. C. Peng	JLab Rutgers U U of Illinois	24	B+
E-03-006	B	The GDH Sum Rule with nearly real photons and the proton g1 structure function at low momentum transfer	M. Battaglieri R. De Vita M. Ripani*	INFN INFN INFN	20	A
E-03-008	C	Sub-threshold J/ψ Photoproduction	P. Bosted* J. Dunne	U Mass MSU	7	B+
E-03-012	B	The Structure of the Free Neutron Via Spectator Tagging	H. Fenker C. Keppel S. Kuhn* W. Melnitchouk	JLab Hampton U ODU JLab	25	A-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved Cont.*

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-04-005	B	Search for New Forms of Hadronic Matter in Photoproduction	P. Eugenio* C. Salgado D.P. Weygand	FSU NSU/JLab JLab	42	A
E-04-007	A	Precision Measurement of the Electroproduction of π^0 Near Threshold: A Test of Chiral QCD Dynamics	J. Annand D. Higinbotham R. Lindgren V. Nelyubin B. Norum	Glasgow U JLab U of Virginia U of Virginia U of Virginia	16	B+
E-04-010	B	Search for Exotic Cascades with CLAS Using an Untagged Virtual Photon Beam	M. Holtrop E.S. Smith* R. Gothe S. Stepanyan	Univ. of NH JLab USC JLab	20	A
E-04-012	A	High Resolution study of the 1540 exotic state	P. Reimer B. Wojtsekhowski	ANL JLab	7	A-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

N and Meson Properties: Approved Cont.*

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-04-017	B	Study of Pentaquark States in Photoproduction off Protons	V. Kubarovsky D. Weygand* J. Price	RPI JLab UCLA	40	A-
E-04-021	B	Spectroscopy of Exotic Baryons with CLAS: Search for Ground and First Excited States	M. Battaglieri* R. DeVita V. Kubarovsky	INFN, Genova INFN, Genova RPI	25	A

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Nucleon and Meson Form Factors and Sum Rules: Approved

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★	E-91-023	B	Measurement of Polarized Structure Functions in Inelastic Electron Proton Scattering using the CEBAF Large Acceptance Spectrometer	V. Burkert* D. Crabb R. Minehart	JLab U of Virginia U of Virginia	42	A
★	E-93-009	B	The Polarized Structure Function G_{1n} and the Q^2 Dependence of the Gerasimov-Drell-Hearn Sum Rule for the Neutron	G. Dodge S. Kuhn* M. Taiuti	ODU ODU INFN	40	A
★	E-93-018	C	Longitudinal/Transverse Cross Section Separation in $p(e,e'K^+)\Lambda(\Sigma)$ for $0.5< Q^2< 2.0$ (GeV/c) ^{2}, w > 1.7 GeV and $t_{min} > 0.1$ (GeV/c) ^{2}	O. Baker	JLab	15	B+
★	E-93-021	C	The Charged Pion Form Factor	D. Mack* R. Whitney	JLab JLab	9	B+
★	E-93-026	C	The Charge Form Factor of the Neutron	D. Day	U of Virginia	60	A
★	E-93-027	A	Electric Form Factor of the Proton by Recoil Polarization	C. Perdrisat* V. Punjabi	W&M NSU	16	B+
★	E-93-038	C	The Electric and Magnetic Form Factors of the Neutron From the d(e,e'n)p Reaction based on PR-89-005 [originally two proposals PR-93-038(electric) and -039(magnetic)]	B. Anderson S. Kowalski R. Madey*	Kent State U MIT Hampton U	60	A
★	E-93-050	A	Nucleon Structure Study by Virtual Compton Scattering	P. Bertin P. Guichon C. Hyde-Wright	UCF SACLAY ODU	10	A-
★	E-94-010	A	Measurement of the Neutron (^{3}He) Spin Structure Function at Low Q^2	G. Cates J. P. Chen Z. E. Meziani*	U of Virginia JLab Temple U	31	A-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Nucleon and Meson Form Factors and Sum Rules: Approved Cont.

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★	E-94-017	B	The Neutron Magnetic Form Factor from Precision Measurements of the Ratio of Quasielastic Electron-Neutron to Electron-Proton Scattering in Deuterium	W. Brooks* M. Vineyard	JLab	15	B+
★	E-97-103	A	Search for Higher Twist Effects in the Neutron Spin Structure Function $g_2^n(x,Q^2)$	T. Averett W. Korsch*	W&M U of Kentucky	16	B+
★	E-97-110	A	The GDH Rule and the Spin Structure of ^{3}He and the Neutron Using Nearly Real Photons	J. P. Chen* A. Deur F. Garibaldi	JLab U of Virginia INFN	18	A-
★	E-99-007	A	Measurement of G_{Ep}/G_{Mp} to $Q^2 = 5.6$ GeV^2 by the Recoil Polarization Method	E. Brash M. Jones C. Perdrisat* V. Punjabi	U of Regina JLab W&M NSU	28	B+
★	E-99-114	A	Exclusive Compton Scattering on the Proton	C. Hyde-Wright A. Nathan B. Wojtsekhowski*	ODU U of Illinois JLab	18	A-
☆	E-00-108	C	Duality in Meson Electroproduction	R. Ent* H. Mkrtchyan G. Niculescu	JLab Yerevan U of Virginia	20	B+
	E-00-110	A	Deeply Virtual Compton Scattering at 6 GeV	P. Bertin C. Hyde-Wright R. Ransome F. Sabatie*	UCF ODU Rutgers U SACLAY	20	A-
★	E-01-001	A	New Measurement of (G_E/G_M) for the Proton	J. Arrington* R. Segel*	ANL Northwestern U	10	A-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Nucleon and Meson Form Factors and Sum Rules: Approved Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★ E-01-004	C	Extension to E93-021: The Charged Pion Form Factor	H. Blok* G. Huber* D. Mack*	Vrije U U of Regina JLab	14	A-
E-01-109	C	Measurement of Gep/Gmp to Q^2=9 GeV^2 via Recoil Polarization	E. Brash C. Perdrisat* V. Punjabi	U of Regina W&M NSU	40	A
E-01-113	B	Deeply Virtual Compton Scattering with CLAS at 6 GeV	V. Burkert L. Elouadrhiri M. Garcon S. Stepanyan*	JLab JLab SACLAY ODU	60	A
E-02-013	A	Measurement of the Neutron Electric Form Factor G_{En} at High Q^2	G. Cates K. McCormick B. Reitz B. Wojtsekhowski*	U of Virginia Rutgers U JLab JLab	32	A
E-02-020	C	The Q(Weak) Experiment: A Search for Physics at the TeV Scale Via a Measurement of the Proton's Weak Charge	J. Bowman R. Carlini* J. Finn S. Kowalski S. Page	LANL JLab W&M MIT	23	A
E-02-109	C	Measurement of R= σ_L/ σ_T on Deuterium in the Nucleon Resonance Region	M. Christy* C. Keppel	Hampton U Hampton U	13	B+
E-03-003	A	Polarization transfer in Wide Angle Compton Scattering	A. Nathan B. Wojtsekhowski*	U of Illinois JLab	7	B+

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Nucleon and Meson Form Factors and Sum Rules: Approved Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-04-019	C	Measurement of the Two-Photon Exchange Contribution in ep Elastic Scattering Using Recoil Polarization	R. Gilman L. Pentchev C. Perdrisat R. Suleiman*	Rutgers U W&M W&M MIT	18	B+

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Properties of Nuclei: Approved

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★/	E-89-003	A	Study of the Quasielastic (e,e'p) reaction in ^{16}O at High Recoil Momentum	W. Bertozzi K. Fissum A. Saha* L. Weinstein	MIT U of Lund JLab ODU	20	B-
★	E-89-008	C	Inclusive Scattering for Nuclei at x>1 and High Q^2	D. Day B. Filippone*	U of Virginia CIT	8	B
★	E-89-009	C	Investigation of the Spin Dependence of the ΛN Effective Interaction in the P Shell	R. Chrien E. Hungerford L. Tang*	BNL U of Houston Hampton U	25	B+
★	E-89-015	B	Study of Coincidence Reactions in the Dip and Delta-Resonance Regions Resubmitted as PR-91-009	H. Baghaei	U of Texas	33	B
★	E-89-017	B	Electroexcitation of the Δ(1232) in Nuclei. Resubmitted as PR-91-009	R. Sealock	U of Virginia	33	B
★	E-89-027	B	Coincidence Reaction Studies with the CLAS	W. Bertozzi W. Boeglin L. Weinstein*	MIT FIU ODU	33	B+
★	E-89-031	B	Study of Multi-Nucleon Knockout With the CEBAF Large Acceptance Spectrometer Resubmitted as PR-91-009	F. Hersman J. Lightbody R. Miskimen*	U of NH NSF U Mass	33	B+
★	E-89-032	B	Study of the Local Properties of Nuclear Matter in Electron-Nucleus and Photon-Nucleus Interactions with Backward Particle Production Using the CLAS Detector → PR-91-009	A. Stavinskiy	ITEP	33	B-
★/	E-89-033	A	Measurement of Recoil Polarization in the ^{16}O (e,e'p) Reaction with 2.4 GeV Electrons	C. Chang C. Glashausser* S. Nanda P. Rutt	U of Maryland Rutgers U JLab Rutgers U	20	B-

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Properties of Nuclei: Approved Cont.

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★	E-89-036	B	Study of Short-Range Properties of Nuclear Matter in Electron-Nucleus and Photon-Nucleus Interactions with Backward Particle Production using the CLAS Detector resub as PR-91-009	K. Egiyan	Yerevan	33	C+
★	E-91-013	C	The Energy Dependence of Nucleon Propagation in Nuclei as Measured in the (e,e'p) Reaction	D. Geesaman	ANL	24	B-
★/	E-93-008	B	Inclusive η Photoproduction in Nuclei	M. Vineyard		23	B
★	E-93-019	B	Photoabsorption and Photofission of Nuclei	B. Berman* N. Bianchi V. Muccifora	GWU INFN INFN	3	B-
	E-94-107	A	High Resolution Hypernuclear 1p shell Spectroscopy	S. Frullani F. Garibaldi* J. LeRose P. Markowitz T. Saito	INFN INFN JLab FIU Tohoku U	24	B+
★	E-94-139	C	Measurement of the Nuclear Dependence and Momentum Transfer Dependence of Quasielastic (e,e'p) Scattering at Large Momentum Transfer	R. Ent R. Milner*	JLab MIT	17	B-
★	E-97-006	C	Correlated Spectral Function and (e,e'p) Reaction Mechanism	I. Sick	U of Basel	15	A-
★	E-97-111	A	Systematic Probe of Short-Range Correlations via the Reaction $^4He(e,e'p)^3H$	J. Mitchell B. Reitz* J. Templon	JLab JLab NIKHEF	12	B+
★	E-98-104	B	Measurement of the polarized electron beam asymmetry on exclusive reactions in nuclei with CLAS	F. Hersman* M. Holtrop	U of NH U of NH	35	N/
	E-00-101	C	A Precise Measurement of the Nuclear Dependence of Structure Functions in Light Nuclei	J. Arrington	ANL	12	B+

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Properties of Nuclei: Approved Cont.

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★	E-00-102	A	Testing the limits of the Single Particle Model in ^{16}O(e,e'p): An update to E89-003	W. Bertozzi* K. Fissum* A. Saha* L. Weinstein*	MIT U of Lund JLab ODU	20	A-
	E-01-011	C	Spectroscopic Study of Lambda Hypernuclei Up To Medium-Heacy Mass Region Through the (e,e'K^+) Reaction	O. Hashimoto* S. Nakamura J. Reinhold L. Tang	Tohoku U Tohoku U FIU Hampton U	19	A-
	E-01-015	A	Proposal 97-106 (update) Studying the Internal Small-Distance Structure of Nuclei via the Triple Coincidence (*e,e'p*+N) Measurement	W. Bertozzi E. Piasetzky J. Watson S. Wood*	MIT U of Tel Aviv Kent State U JLab	23	B+
	E-02-017	C	Status of the ΛS=1 Hadronic Weak Interaction Program (update to 99-003)	A. Margaryan L. Tang*	Yerevan Hampton U	7	B+
	E-02-019	C	Inclusive Scattering from Nuclei at x>1 and High Q^2 with a 6 GeV Beam	J. Arrington D. Day B. Filippone A. Lung*	ANL U of Virginia CIT JLab	28	A-
☆	E-02-104	B	Quark Propagation Through Cold QCD Matter	W. Brooks	JLab	20	B+
☆	E-02-110	B	Q^2 Dependence of Nuclear Transparency for Incoherent π^0 Electroproduction	K. Hafidi* M. Holtrop B. Mustapha	ANL U of NH ANL	24	B+
	E-03-103	C	A Precise Measurement of the Nuclear Dependence of Structure Functions in Light Nuclei	J. Arrington	ANL	10	B+

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**Contact Person for Experiments with Multiple Spokespersons*

Properties of Nuclei: Approved Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-04-002	A	Hadronization in Nuclei by Deep Inelastic Electron Scattering	J. P. Chen B. Norum K. Wang	JLab U of Virginia U of Virginia	15	B+

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Strange Quarks: Approved

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
★/	E-89-004	B	Electromagnetic Production of Hyperons	R. Schumacher	CMU	15	B+
★/	E-89-024	B	Radiative Decays of the Low-Lying Hyperons With PR-89-004	G. Mutchler	Rice U	65	B+
★/	E-89-043	B	Measurements of the Electroproduction of the Λ (gnd), $\Lambda^*(1520)$ and $f_0(975)$ via the $K^+ K^- p$ and $K^+ \pi^- p$ Final States	L. Dennis H. Funsten*	FSU W&M	48	A-
★/	E-89-045	B	Study of Kaon Photoproduction on Deuterium	B. Mecking	JLab	23	B+
★	E-91-010	A	Parity Violation in Elastic Scattering From the Proton and ^{4}He	J. Finn P. Souder*	W&M Syracuse U	42	A
☆̅	E-91-014	B	Quasi-Free Strangeness Production in Nuclei	C. Hyde-Wright	ODU	25	B-
★	E-91-016	C	Electroproduction of Kaons and Light Hypernuclei	J. Reinhold* B. Zeidman	FIU ANL	21	A-
☆	E-93-022	B	Measurement of the Polarization of the $\phi(1020)$ in Electroproduction	H. Funsten P. Rubin E. Smith*	W&M U of Richmond JLab	15	B+
★/	E-93-030	B	Measurement of the Structure Functions for Kaon Electroproduction	K. Hicks M. Mestayer*	Ohio U JLab	50	B+
★/	E-95-003	B	Measurement of Kzero Electroproduction	K. Dhuga* R. Magahiz R. Schumacher	GWU CMU CMU	80	B+
★	E-98-108	A	Electroproduction of Kaons up to $Q^2=3\ (GeV/c)^2$	O. Baker C. Chang S. Frullani M. Iodice P. Markowitz*	JLab U of Maryland INFN INFN FIU	21	B+

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Strange Quarks: Approved Cont.

	Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
☆	E-98-109	B	Photoproduction of phi Mesons with Linearly Polarized Photons	P. Cole J. Mueller D. Tedeschi*	JLab U of Pittsburgh USC	13	B+
★/	E-99-006	B	Polarization observables in the ^{1}H $(e,e'K^{+})\Lambda$ Reaction	D. Carman* K. Joo L. Kramer B. Raue	Ohio U U of Conn FIU FIU		B
	E-99-115	A	Constraning the Nucleon Strangeness Radius in Parity Violating Electron Scattering	G. Cates* K. Kumar* D. Lhuillier	U of Virginia U Mass SACLAY	30	A
☆	E-00-006	C	G^0 Experiment: Forward Angle Measurements	D. Beck	U of Illinois	70	A
★	E-00-112	B	Exclusive Kaon Electroproduction in Hall B at 6 GeV	D. Carman* K. Joo G. Niculescu B. Raue	Ohio U U of Conn U of Virginia FIU	30	B
	E-00-114	A	Parity Violation from ^{4}He at Low Q^2: A Clean Measurement of ρ_s	D. Armstrong* R. Michaels	W&M JLab	30	A
	E-03-113	B	Investigation of Exotic Baryons States in Photoproduction Reactions with CLAS	K. Hicks* S. Stepanyan	Ohio U ODU	30	A

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Conditionally Approved

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
E-01-104	B	Helicity Structure of Pion Photoproduction - Update of Experiment 91-015	D. Crabb M. Khandaker D. Sober*	U of Virginia JLab CUA	22	B+
E-01-115	C	Measurement of the Parity Violating Asymmetry in the N to Delta Transition	N. Simicevic S. Wells*	LTU LTU		B+
E-01-116	C	The G0 Experiment: Backward Angle Measurements	D. Beck	U of Illinois	60	A
E-02-101	A	Exclusive Study of Deuteron Electrodisintegration near Threshold	W. Bertozzi B. Norum T. Tamae K. Wang*	MIT U of Virginia Tohoku U U of Virginia	16	B+
E-03-011	A	Update of E00003: Neutron Skin of ^{208}Pb through Parity Violating Electron Scattering	R. Michaels* P. Souder G. Urciuoli	JLab Syracuse U INFN	30	A-
E-03-106	A	Deeply Virtual Compton Scattering on the Neutron	P. Bertin C. Hyde-Wright F. Sabatie* E. Voutier	UCF ODU SACLAY ISN	13	A-
E-03-109	C	Spin Asymmetries on the Nucleon Experiment (SANE)	O. Rondon-Aramayo G. Warren*	U of Virginia JLab	27	A-

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Withdrawn

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
PR-93-024	A	Measurement of the Magnetic Form Factor of the Neutron at Large Momentum Transfers	J. Gomez G. Petratos*	JLab Kent State U	10	B+
PR-94-021	A	The Electric Form Factor of the Neutron Extracted from the ^{3}He(e,e'n)pp Reaction	W. Korsch* R. McKeown	U of Kentucky CIT	14	
PR-91-006	A	Study of Nuclear Medium Effects by Recoil Polarization up to High Momentum Transfers	A. Saha	JLab	8	C
PR-01-003	A	Update to E-91-004: Measurement of Strange Quark Effects Using Parity Violating Elastic Electron Scattering from ^{4}He at Q^2=0.6 (GeV/c)^2	E. Beise	U of Maryland		

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Replaced

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
PR-89-021	A	Elastic Electron ^3He-^4He Scattering at Large Momentum Transfers	G. Petratos	Kent State U	30	B
PR-91-004	A	Measurement of Strange Quark Effects using Parity-Violating Elastic Scattering From ^4He at Q^2=0.6GeV^2	E. Beise	U of Maryland	85	A
PR-91-007	C	Measurement of the Nuclear Dependence and Momentum Transfer Dependence of Quasielastic (e,e'p) Scattering at Large Momentum Transfer (Resubmittal of PR-89-010)	R. Milner	MIT	5	B-
PR-91-015	B	Helicity Structure of Pion Photoproduction	D. Sober	CUA	18	A-
PR-91-017	C	Measurement of the Flavor Singlet Charge Form Factor of the Proton G^0_E	D. Beck	U of Illinois	46	A
PR-93-043	B	Measurement of the Delta-Delta Component of the Deuteron by Exclusive Quasielastic Electron Scattering	B. Quinn	CMU	48	B
PR-94-002	B	Photoproduction of Vector Mesons off Nuclei	P. Bertin M. Kossov* B. Preedom	UCF ITEP USC	12	B+
PR-94-023	A	Measurement of Small Components of the ^3He wave function using ^3He (e,e'p) in Hall A	F. Hersman	U of NH	24	B+
PR-94-101	A	Precision Measurement of the Neutron Asymmetry A_n^1 at Large X_{Bj} using CEBAF at 6 GeV	Z. E. Meziani* P. Souder	Temple U Syracuse U	21	B
PR-95-002	C	Direct Measurement of the Lifetime of Heavy Nuclei at CEBAF	L. Tang	Hampton U		
PR-96-002	C	Precision Measurement of the Nucleon Spin Structure Functions in the Region of the Nuclear Resonances	O. Rondon-Aramayo	U of Virginia	21	B

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**Contact Person for Experiments with Multiple Spokespersons*

Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Replaced Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
PR-97-010	C	Measurement of Hydrogen and Deuterium inclusive resonance cross sections at intermediate Q^2 for Parton-Hadron duality studies	C. Keppel	Hampton U	3	B+
PR-97-101	C	Baryon Resonance Electroproduction at High Momentum Transfer	C. Armstrong V. Frolov J. Price P. Stoler*	JLab RPI U of California RPI	25	B+
PR-97-106	A	Studying the Internal Small Distance Structure of Nuclei via the Triple Coincidence (e,ep+N) Measurement	W. Bertozzi E. Piasetzky J. Watson S. Wood*	MIT U of Tel Aviv Kent State U JLab	11	B+
PR-97-108	A	Exclusive Compton Scattering on the Proton	C. Hyde-Wright A. Nathan B. Wojtsekhowski*	ODU U of Illinois JLab	10	B+
PR-98-101	C	Spin Polarization in Kaon Electroproduction	O. Baker P. Gueye*	JLab Hampton U	16	B+
PR-99-003	C	Direct Measurement of the Lifetime of the Heavy Hypernuclei at CEBAF (update to 95-002)	A. Margaryan L. Tang*	Yerevan Hampton U	7	B
PR-99-014	B	A Precision Measurement of the Neutral Pion Lifetime via the Primakoff Effect	D. Dale S. Danagoulian A. Gasparian* R. Miskimen	U of Kentucky NCAT State U NCAT State U U Mass	22	A-
PR-99-015	C	Inclusive Scattering from Nuclei at x>1 and High Q^2 with a 6 GeV Beam	D. Day B. Filippone A. Lung*	U of Virginia CIT JLab	25	B-

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Jefferson Lab Experiments, PAC 4-25, Grouped by Category

Replaced Cont.

Experiment	Hall	Title	Spokesperson	Institutions	Beam days	Rating
PR-99-016	C	G0 Experiment	D. Beck	U of Illinois	46	A
PR-00-118	A	Elastic Electron Scattering off ^{3}He and ^{4}He at Large Momentum Transfers	J. Gomez G. Petratos*	JLab Kent State U	30	A-
PR-01-014	A	Precision Measurement of Electroproduction of π^0 near Threshold: A Test of Chiral QCD Dynamics	J. Annand D. Higinbotham R. Lindgren* V. Nelyubin	Glasgow U JLab U of Virginia U of Virginia	16	B+
PR-01-016	A	Precision Measurement of Longitudinal and Transverse Response Functions of Quasi-Elastic Electron Scattering in the Momentum Transfer Range 0.55 GeV/c<|q|	J. P. Chen S. Choi* Z. E. Meziani	JLab Temple U Temple U	26	A-

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