


2022 JLUO Annual Meeting



June 13-15, 2022
(Jefferson Lab)

- Exciting program with a combination of JLab physics results and future prospects, together with keynote speakers on topics beyond nuclear physics.
- A big thanks to the organizing committee:

Astrid Hiller Blin, Raffaella de Vita, C.M.C., Justin Stevens, Xiaochao Zheng
- A bigger thanks to Lorelei Chapon for her tremendous amount of help with everything

	13 juin 2022	14 juin 2022	15 juin 2022	
AM	09:00 Morning I (until 10:35) (Auditorium)	09:00 Morning I (until 10:45) (Auditorium)	09:00 Morning I (until 10:30) (Auditorium)	
	09:00 Welcome - Carlos Munoz Camacho (JLab, Orsay (CNRS/IN2P3)) (Auditorium)	09:00 High-precision measurement of the W boson mass with the CDF II detector (remote) - Ashutosh Kotwal (Duke University) (Auditorium)	09:00 JLab Data Science overview - Malachi Schram (Thomas Jefferson National Accelerator Facility) (Auditorium)	
	09:05 News from the lab - Stuart Henderson (Jefferson Lab) (Auditorium) 	09:35 News from NSF - Alfredo Galindo-Uribarri (NSF) Allena Opper (National Science Foundation) (Auditorium)	09:30 Data Science in JLab experiments - William Phelps (Christopher Newport University/Jefferson Lab) (Auditorium)	
	09:40 Hadron spectroscopy from theory: updates from JPAC (remote) - Vincent Mathieu (Barcelona U.) (Auditorium)	10:05 News from DoE - Tim Hallman (DOE) (Auditorium)	10:00 Data Science future: HPDF - Amber Boehlein (JLAB) (Auditorium)	
	10:05 Updates on global JAM fits (remote) - Christopher Cocuzza (Temple University) (Auditorium)	10:40 Adiabatic Transitions - James Sowinski (DOE) (Auditorium)	10:30 --- Coffee break ---	
	10:20 CJ fits: interplay of higher-twists and offshell corrections and other updates - Alberto Accardi (Hampton U. and Jefferson Lab) (Auditorium) 	10:45 --- Coffee break ---	11:00 Morning II (until 12:20) (Auditorium)	
	10:35 --- Coffee break ---	11:15 Morning II (until 12:30) (Auditorium)	11:00 EIC status: User Group Perspective - Olga Evdokimov (UIC) (Auditorium)	
	11:05 Morning II (until 12:30) (Auditorium)	11:15 PWA of eta-pi at GlueX - Malte Albrecht (Indiana University) (Auditorium)	11:30 Measurement of the anti-quark flavor asymmetry in the proton at FNAL-SeaQuest - Kenichi Nakano (University of Virginia) (Auditorium)	
	11:05 Status on hadron spectroscopy with lattice QCD - Jozef Dudek (JLab) (Auditorium)	11:40 PrimEx-eta - Andrew Smith (Duke University) (Auditorium)	12:00 Validating the JLab physics in Geant4 using meson pion photo-production data - Sokhna Bineta Lo Amar (UCAD/FRIB) (Auditorium)	
	11:30 Electrocouplings of nucleon resonances - Victor Mokeev (Thomas Jefferson National Accelerator Facility) (Auditorium)  	12:05 New results on near-threshold J/Psi photoproduction from J/Psi-007 experiment (remote) - Sylvester Joosten (Argonne National Laboratory) (Auditorium)		
	11:55 CEBAF status - Camille Ginsburg (Jefferson Lab) (Auditorium)			
	PM	12:30 --- Lunch break ---	12:30 --- Lunch break ---	12:25 --- Lunch break ---
		12:45 Student/Postdoc lunch: Panel on Post-Doc Experience (Auditorium)	12:45 Student/Postdoc lunch: Careers Talk - Dr Douglas Higinbotham (Jefferson Lab) (Auditorium)	12:45 Student/Postdoc lunch: Careers Related talk - Axel Schmidt (George Washington University) (Auditorium)
		14:00 Afternoon I (until 16:00) (Auditorium)	14:00 Afternoon I (until 17:00) (Auditorium)	14:00 Afternoon I (until 15:40) (Auditorium)
		14:00 Performance of SBS/BB detectors - Xinzhan Bai (UVA) (Auditorium)	14:00 Diversity in nuclear physics: does it really matter? (remote) - Paul Gueye (MSU) (Auditorium)	14:00 CEBAF at 12 GeV and Future Opportunities - Jim Napolitano (Temple University) (Auditorium)
14:15 GMN and nTPE experiments - Eric Fuchey (University of Connecticut) (Auditorium) 		14:30 DEI at Jefferson Lab - Aurora Realin (Jefferson Lab) (Auditorium)	14:30 Positron beam at Jefferson Lab - Matt Poelker (Jefferson Lab) (Auditorium)	
14:30 The CLAS12 GPD program: highlights and perspectives - Maxime DEFURNE (CEA Saclay) (Auditorium) 		14:50 JLUO Business Meeting - Ed Brash (Christopher Newport University) (Auditorium)	15:00 Direct TPE measurement using a positron beam - Axel Schmidt (George Washington University) (Auditorium)	
14:55 Electron Beam Energy Reconstruction for Neutrino Oscillation Measurements - Mariana Khachatryan (FIU) (Auditorium)		15:15 --- Coffee break ---	15:20 Weak neutral-current coupling using positrons - Xiaochao Zheng (University of Virginia) (Auditorium)	
15:20 A measurement of neutron spin structure at high-x in the 12 GeV era - William Henry (Jefferson Lab) (Auditorium)		15:45 JSA prize awards - Elizabeth Lawson (SURA) (Auditorium)	16:00 Thesis prize talk (Auditorium)	
15:40 d2n : Probing Quark-Gluon Correlations in the Neutron - Junhao Chen (College of William and Mary) (Auditorium)		16:30 Postdoc prize talk (Auditorium)	16:30 --- Coffee break ---	
16:00 --- Coffee break ---			16:10 Afternoon II (until 17:10) (Auditorium)	
16:30 Afternoon II (until 17:45) (Auditorium)			16:10 CEBAF Energy Upgrade - Alex Bogacz (Jefferson Lab) (Auditorium)	
16:30 Science and Computing at JLab - David Dean (JLab) (Auditorium)			16:40 J-FUTURE workshop: physics opportunities at an upgraded JLab - Marco Battaglieri (INFN) (Auditorium)	
17:00 JLab PAC - Robert McKeown (Jefferson Lab) (Auditorium)				
17:15 Nuclear Physics Division update - Cynthia Keppel (Jefferson Lab) (Auditorium)				
18:00 --- Poster session / Reception ---				

- Organized by the student and postdoc representatives in the JLUO board
- All PhD students and postdocs at the meeting are invited
- Talks will take place in CC L102 during the lunch breaks

Agenda:

- **Monday:** Panel on Post-Doc Experience,

Panelists: Alexander Austregesilo, Dien Nguyen, Joseph Newton, and Marie Boer

- **Tuesday:** Careers Talk

by Doug Higinbotham

- **Wednesday:** Careers Related Talk

by Axel Schmidt

- Competition takes places virtually (competitors present their poster in by video)
- Local participants will be present their poster in person during today's reception (starting at 6:30PM)

* Organized by the student representative in the JLUO board (Ezekiel Wertz)

- Tuesday and Wednesday evenings this week
- Please reach to any member of the JLUO board with your concerns, suggestions, etc about life and interactions with JLab (scientific and otherwise)