



# International workshop on CLAS12 physics and future perspectives at JLab

## mercredi 22 mars 2023

### Plenary 2 - Auditorium (08:30 - 10:25)

-Présidents de session: Carlos Munoz Camacho

time	[id] title	presenter
08:30	[2] Status and perspectives for nuclear physics at IN2P3	GRASSO, Marcella
09:00	[40] Status and perspectives for hadron physics at IRFU	MOUTARDE, Hervé
09:30	[12] Status and perspectives for GPD extraction	SZNAJDER, Paweł
10:00	[41] Beam spin asymmetries for DVCS on proton and neutron from a deuterium target	HOBART (HOBALLAH), Adam (mostafa)

### Plenary 2 - Auditorium (10:55 - 12:30)

-Présidents de session: Maxime Defurne

time	[id] title	presenter
10:55	[59] Impact of Neutron DVCS Measurements on Extraction of Compton Form Factors	CUIC, Marija
11:20	[29] Beam Spin Asymmetry measurements of Deeply Virtual $\pi^0$ Production with CLAS12	KIM, Andrey
11:45	[42] A model for coherent and incoherent DVCS in light nuclei	FUCINI, Sara
12:10	[61] A Machine Learning approach for DVCS identification without proton detection	ALVARADO, Juan Sebastian

### Plenary 2 - Auditorium (14:00 - 16:00)

-Présidents de session: Sebastian Kuhn

time	[id] title	presenter
14:00	[64] nDVCS with tagged spectator proton	OUIILLON, Mathieu
14:20	[13] Status and perspectives for TMD extraction	BERTONE, Valerio
14:50	[43] The next steps for fracture functions at CLAS12	HAYWARD, Timothy
15:15	[45] Measurements of the $\cos\phi$ and $\cos^2\phi$ Moments of the Unpolarized SIDIS $\pi^+$ Cross-section from RG-A data	CAPOBIANCO, Richard
15:40	[46] TMDs with RG-D	MATAMOROS, Daniel

### Plenary 2 - Auditorium (16:30 - 18:40)

-Présidents de session: Raffaella De Vita

time	[id] title	presenter
16:30	[14] Machine Learning in HEP experiments	M. ROUSSEAU, David

17:00	[47] AI in CLAS12 analyses	PHELPS, William
17:25	[48] Usage of Machine Learning in CLAS12	GAVALIAN, Gagik
17:50	[49] CVT tracking, status and plans	ZIEGLER, Veronique
18:15	[60] Reconstruction: what comes after pass2	BALTZELL, Nathan