HUGS 2023

Thursday, June 15, 2023

Student Seminars - F113 (9:00 AM - 12:00 PM)

time	[id] title	presenter
9:00 AM	[44] Possibilities of quantum computing in QCD	FROGUEL, Lucas
9:15 AM	[45] Semi inclusive DIS at compass	VIJAYAKUMAR, Athira
9:30 AM	[46] a2 Production at GlueX	SALDAÑA, Kevin
9:45 AM	[47] CLAS12 measurement of DVCS on polarized protons and neutrons	PILLEUX, Noémie
10:00 AM	Break	
10:15 AM	[48] Design and prototyping of Tracking Detectors for MOLLER Experiment	DHARMASENA, Bhasitha
10:30 AM	[49] Lattice QCD calculations of TMDs	RAVIKUMAR, Hariprashad
10:45 AM	[50] Scanning Beam Monitor Sensitivities for MOLLER Experiment	GUNSCH, Andrew
11:00 AM	[51] A Machine Learning approach for DVCS identification without proton detection	ALVARADO, Juan Sebastian
11:15 AM	Informal discussion	

Student Seminars - F113 (1:30 PM - 4:00 PM)

time	[id] title	presenter
1:30 PM	[52] Exploring invisible particles: In a search of "Beyond Standard Model" in □ decays	COLORADO CAICEDO, Johan Andrés
1:45 PM	[53] Study on the phi-pi0 system in search for exotic mesons at GlueX	GUO, Jiawei
2:00 PM	[54] Quarkonia as tools to study the multi-dimensional structure of the nucleon	F. ROMERA, Samuel
2:15 PM	[55] Scattered Beam Monitor and Scanning Detectors Design for the MOLLER Experiment	VALMASSEI, Daniel
2:30 PM	Break	
2:45 PM	[56] A guide to developing the integrating detectors for MOLLER	BLAIKIE, Brynne
3:00 PM	[57] Extraction of TMDs from SIDIS	TWAGIRAYEZU, Fidele J
3:15 PM	[58] HPS ECal Calibration	WOLF, Lewis
3:30 PM	[90] Using Tensor Networks to Probe Quantum Systems	MONTGOMERY, Jake
3:45 PM	Informal discussion	

Friday, June 16, 2023

<u>**Student Seminars**</u> **- F113 (9:00 AM - 11:45 AM)**

time	[id] title	presenter
9:00 AM	[59] Characterizing integrating detector PMTs for the MOLLER Experiment	REGMI, Sagar
9:15 AM	[60] Preparation of TMD analysis in SIDIS in RG-D Simulations	MATAMOROS, Daniel
9:30 AM	[61] Optimizations of Gas Electron Multiplier detectors targeting GEp experiment at Hall A	HATHTHOTUWA GAMAGE, Vimukthi
9:45 AM	[62] CaFe Experiment	SWAN, Noah
10:00 AM	Break	
10:15 AM	[63] Studying strange quark suppression with global QCD analysis	ANDERSON, Trey
10:30 AM	[64] EMC Effect at 11GeV	SHARDA, Abhyuday
10:45 AM	[65] To Calculate electric form factor of neutron by using recoil polarimeter method	DHITAL, Sarashowati
11:00 AM	[66] Construction of a non-pertubative vertex in QED	MORALES TREJO, María Guadalupe
11:15 AM	Informal discussion	