

# 2024 Nuclear Theory Topical Collaborations PI Exchange meeting

May 2, 2024

DoubleTree by Hilton Washington DC North/Gaithersburg  
620 Perry Parkway  
Gaithersburg, Maryland 20877

Time	Title	Speaker	Speaker Institution
8:30 AM — 8:40 AM	Welcome and introduction	Xiaofeng Guo and Keith Jankowski	DOE
8:40 AM — 9:10 AM	HEFTY for QCD Matter: Overview and HF Transport in Medium	Ralf Rapp	Texas A&M University
9:10 AM — 9:25 AM	HEFTY Ethics and Heavy Flavor in Small Systems	Ramona Vogt	Lawrence Livermore National Lab
9:25 AM — 9:40 AM	HEFTY Collaborative Efforts and Heavy-Flavor in Equilibrium Matter	Peter Petreczky	Brookhaven National Lab
9:40 AM — 10:10 AM	SURGE Overview and Progress status	Bjoern Scheneke	Brookhaven National Lab
<b>10:10 AM — 10:35 AM</b>	<b>Break</b>		
10:35 AM — 10:50 AM	TMD factorization bridging large and small x	Shaswat Tiwari	North Carolina State University
10:50 AM — 11:05 AM	Transverse Energy-Energy Correlators in the Color-Glass Condensate at the EIC	Jani Penttala	University of California, Los Angeles
11:05 AM — 11:20 AM	Global analysis of polarized DIS & SIDIS data with improved small-x helicity evolution	Nicholas Baldonado	New Mexico State University
11:20 AM — 11:50 AM	ExoHad Overview and Status	Eric Swanson	University of Pittsburgh
11:50 AM — 12:05 PM	Progress in understanding of hadron resonances including exotics from QCD	Raul Briceno	University of California, Berkeley
<b>12:05 PM — 1:35 PM</b>	<b>Lunch</b>		
1:35 PM — 1:50 PM	Progress in amplitude analysis for hadron spectroscopy	Arkaitz Rodas	Old Dominion University
1:50 PM — 2:20 PM	Quark-Gluon Tomography Collaboration: An Overview of Objectives and Accomplishments	Martha Constantinou	Temple University
2:20 PM — 2:35 PM	Phenomenology/Global Analysis Highlights and Future Prospects	Ian Cloët	Argonne National Lab
2:35 PM — 2:50 PM	Lattice QCD Highlights and Future Prospects	David Richards	Jefferson Lab
<b>2:50 PM — 3:15 PM</b>	<b>Break</b>		
3:15 PM — 3:30 PM	Theory Highlights and Future Prospects	Feng Yuan	Berkeley National Lab
3:30 PM — 4:00 PM	NTNP Overview and Progress	Vincenzo Cirigliano	University of Washington
4:00 PM — 4:15 PM	Radiative corrections to beta decays in EFT	Emanuele Mereghetti	Los Alamos National Lab
4:15 PM — 4:30 PM	Ab initio calculations of lepton-nucleus scattering	Saori Pastore	Washington University in St. Louis
4:30 PM — 4:45 PM	Lattice QCD, precision beta decay and nu-N scattering	Andre' Walker-Loud	Berkeley National Lab
4:45 PM — 4:50 PM	Closing		