

QCD and Hadron Structure: Parallel Schedule

Parallel 2 May 29: Heavy Spectroscopy

1. 20': [14] *Model independent constraints on $R(J/\Psi)$*
Henry Lamm, U. Maryland
2. 30': [141] *Implications of chiral symmetry on the heavy-light spectroscopy*
Meng-lin Du, U Bonn
3. 20': [170] *Precise measurement of the $D^*(2010)^+ - D^+$ mass difference*
Abner Soffer, Tel Aviv U
4. 30': [130] *Dibaryon searches in decuplet baryons from lattice QCD*
Shinya Gongyo, RIKEN
5. 20': [10] *Single-top production in the standard model and beyond*
Nikolaos Kidonakis, Kennesaw State
6. 20': [179] *Measurement of the polarization observables in the reaction $\gamma p \rightarrow K^+ \Lambda$*
Shankar Adhikari, Florida International U

Parallel 5 May 31: Gamma-gamma and form factors at high q^2

1. 40': [292] *Two-photon effects in elastic nucleon form factors*
Marc Vanderhaeghen, Mainz
2. 30': [257] *High q^2 elastic form factor program at JLab*
Andrew Puckett, U Connecticut
3. 30': [169/4] *Proton polarizabilities from a partial-wave analysis of Compton scattering data/ Sum rules connecting real and virtual Compton scattering on the nucleon*
Vladimir Pascalutsa, Mainz

Parallel 7 June 1: The QCD-Nuclear Structure Interface (NFS/QCDHS)

1. 30': [194] *NN bound states and scattering from LQCD*
Silas Beane, U Washington
2. 30': [316] *HOBET: The SM as an effective theory and its direct matching to LQCD*
Ken McElvain, UC Berkeley
3. 20': [296] *Effective field theory extrapolations of lattice QCD predictions for light nuclei*
Johannes Kirscher, CCNY
4. 20': [72] *New developments in lattice effective field theory*
Dean Lee, MSU

Parallel 8 June 1: Light Spectroscopy/Perturbative QCD

1. 30': [158] *Analysis of η π^0 and η' π^0 systems at GlueX*
Alexander Austregesilo, JLab
2. 30': [80] *Toward precise determination of resonant hadron scattering amplitudes from lattice QCD*
John Bulava, U Southern Denmark
3. 25': [369] *A lattice QCD study of the ρ resonance*
Luka Leskovec, U Arizona

4. 25': **[290]** *Measurement of transition form factors at BES III*
Christoph Redmer, U Mainz
5. 25': **[126]** *Unitary reaction models and PWA formalisms*
Alessandro Pilloni, JLab

Parallel 9 June 2: The proton radius puzzle (PPHI/QCDHS)

1. 30': **[131]** *The proton radius puzzle – Why we should all care*
Gerald Miller, U Washington
2. 30': **[148]** *The Rydberg constant and proton size from atomic hydrogen*
Lothar Maisenbacher, Max Planck Institute for Quantum Optics
3. 20': **[102]** *Data analysis and preliminary results of the proton charge radius experiment (PRad) at JLab*
Weizhi Xiong, Duke
4. 20': **[193]** *Determination of the proton's charge radius by simultaneous measurement of electron- and muon-proton electron scattering with the MUSE experiment at PSI*
Paul Reimer, Argonne
5. 20': **[251]** *Lattice QCD and the proton radius*
Sergey Syritsyn, Stony Brook
6. 20' **[356]** *Nucleon Form Factors in dispersively improved chiral effective theory*
Christian Weiss, JLab