

Precision Physics at High Intensities: Parallel Schedule

Parallel 1 May 29: Rare Decays (HFCKM/PPHI)

1. 30': [322] *Rare decay results from LHCb*
Gerco Onderwater, NIKEF
2. 30': [218] *Semileptonic B-meson decay form factors from lattice QCD*
Yuzhi Liu, Indiana U.
3. 20': [282] *Search for lepton number violation by the NA48 experiment*
Cristina Biino, INFN Torino
4. 20': [96] *Search for K^+ to π^+ ν ν at CERN NA62*
Bob Velghe, U Catholique de Louvain

Parallel 2 May 29: LFU/CLF Violation

1. 30': [198] *The MEG experiment: Run I final results and preparations for Run II*
Terence Libeiro, UC Irvine
2. 30': [156] *The Mu2e Experiment*
Tomonari Miyashita, Caltech
3. 20': [175] *PEN experiment: a precise test of lepton universality*
Dinko Pocanic, U Virginia
4. 20': [120] *Improved search for heavy neutrinos and a test of lepton universality in the decay π to e ν*
Dick Mischke, TRIUMF
5. 20': [212] *RD and RD* Theory*
Ryoutaro Watanabe, U Montreal
6. 20': [318] *Diagnosing new physics in LFU/CLF violating decays*
Alakabha Datta, U Mississippi

Parallel 3 May 30: g-2

1. 20': [279] *The commissioning run update of the muon g-2 experiment at Fermilab*
Ran Hong, ANL
2. 20': [1] *Hadronic contributions to muon g-2 and spin structure functions*
Vladimir Pascalutsa, Mainz
3. 20': [7] *Dispersive analysis of hadronic light-by-light scattering and the muon's g-2*
Igor Danilkin, Mainz
4. 20': [256] *Hadronic matrix elements from g-2 in Lattice QCD*
Aaron Meyer, BNL ameyer@quark.phy.bnl.gov
5. 20': [287] *Measurement of hadronic cross sections at BES III*
Christoph Redmer, U Mainz redmer@uni-mainz.de

Parallel 4 May 30: Dark Photons (DM/PPHI)

1. 20': [297] *Hidden Sectors and Dark Photons*
Stefania Gori, U Cincinnati
2. 20': [60] *Searches for hidden sectors with BABAR*
Brian Shuve, Harvey Mudd
3. 20': [8] *Direct search for dark photons and dark Higgs with the SeaQuest Spectrometer at FermiLab*

- Sho Uemura, Fermilab
4. 20': **[16]** *The Beam Dump eXperiment*
Mariangela Bondi, INFN/Cantania
 5. 20': **[351]** *Search for light dark matter with the MESA accelerator*
Luca Doria, Mainz
 6. 20': **[265]** *Searching for new forces with Dark Light*
Ross Corliss, MIT
 7. 20': **[260]** *Resonance search for a heavy photon with the Heavy Photon Search Experiment*
Omar Moreno, SLAC
 8. 20': **[366]** *The APEX experiment at Jefferson Lab: A search for a new vector boson*
Seamus Riordan, ANL

Parallel 6 May 31: Symmetry Tests

1. 30': **[267]** *Precision atomic tests of physics beyond the standard model*
Holger Muller, Berkeley
2. 30': **[277]** *Muon $g-2$ experiments at FNAL and J-PARC*
Joe Price, U Liverpool
3. 20': **[149]** *New results on low-energy hadronic cross sections and implications for muon $g-2$*
Bill Gary, UC Riverside
4. 20': **[61]** *Baryogenesis by particle-antiparticle oscillations*
Seyda Ipek, UC Irvine
5. 20': **[203]** *Search for neutron-antineutron oscillations at the Sudbury Neutrino Observatory*
Marc Bergevin, LLNL
6. 20': **[161]** *Neutron-antineutron conversion to search for B-L violation*
Susan Gardner, U Kentucky

Parallel 7 June 1: Muons and electrons

1. 20': **[172]** *Probing BSM and High-x physics with SoLID at JLab*
Paul Souder, Syracuse U
2. 20': **[222]** *Physics with electroweak probes at the Electron-Ion Collider*
Nils Feege, Stony Brook U
3. 20': **[174]** *Latest updates from the AlCap Experiment*
Andrew Edmonds, LBL
4. 20': **[308]** *Muon capture as a probe of the weak axial current*
Peter Kammel, U Washington
5. 20': **[352]** *MAGE: The muonium anti-gravity experiment*
Daniel Kaplan, Illinois Inst Tech

Parallel 9 June 2: Proton Radius (PPHI/QCDHS)

1. 30': **[131]** *The proton radius problem – 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 U
6. 20' **[356]** *Nucleon Form Factors in dispersively improved chiral effective theory*
Christian Weiss, JLab