XIIth International Conference on Hyperons, Charm and Beauty Hadrons

George Mason University, Fairfax, Virginia

June 12-18, 2016

Program Timetable

https://www.flickr.com/photos/jeffsmallwood/5590302451/sizes/l/https://creativecommons.org/licenses/by-nc-sa/2.0/
Sunday, 17:30 – 19:00 – Exploratory Hall Atrium

Reception
Monday, 9:00 – 10:00 – Research Hall Room 163
Welcome Philip Rubin
University Welcome Dr. Deborah Crawford, Vice President for Research, George Mason University
Conference Overview

Coffee

Monday, 10:30 – 12:30 – Research Hall Room 163
The Study of Two (Anti-)proton Interaction via Correlation Measurement ZHANG, Zhengqiao
Measurement of W- and Z-boson production in p-Pb collisions with ALICE at the LHC Mr. ZHU, Jianhui
Production of exotic and conventional quarkonia and open beauty/open charm at ATLAS BINI, Cesare
Double charmonium production at LHC LUCHINSKY, Alexey

Lunch

Monday, 13:30 – 15:00 – Research Hall Room 163
Production asymmetries of b and c hadrons at LHCb FERRARI, Fabio
Measurement of open heavy-flavour production with ALICE at the LHC Dr. DE, Sudipan
Heavy flavour production in pp and pPb collisions SZUMLAK, Tomasz

Coffee

Monday, 15:30 – 17:30 – Research Hall Room 163
Recent Heavy Flavor Measurements from PHENIX at RHIC HASELER, Tristan
Searches for heavy quark states at ATLAS CHENG, Hok Chuen
Search for Scalar Top-Quark Production in the all Hadronic Channel at 13 TeV NORBERG, Scarlet Rachel
The KLOE-2 experiment at DAFNE DE SANTIS, Antonio
Tuesday, 9:00 – 10:00 – Research Hall Room 163
Status of Pion Decay Experiments  Dr. NUMAO, Toshio
Charm Physics at BESIII  WEIDENKAFF, Peter Klaus Martin

Coffee

Tuesday, 10:30 – 12:30 – Research Hall Room 163
Recent results on Lambda_c decays at BESIII  KE, Bai-cian
Baryonic B decays at LHCb  HUTCHCROFT, David
Recent selected results from Belle  KING, Zachary
Charmless b-meson and b-baryon decays at LHCb  NASTEVA, Irina

Lunch

Tuesday, 13:30 – 15:00 – Research Hall Room 163
Radiative decays at LHCb  BELLEE, Violaine
Rare and semi-rare B meson decays at ATLAS  DE SANCTIS, Umberto
Semileptonic asymmetries in B decays  WIMBERLEY, Jack

Coffee

Tuesday, 15:30 – 17:30 – Research Hall Room 163
Effects of scalar leptoquarks in b -> s mediated rare B decays  MOHANTA, Rukmani
Study of rare B decays at BABAR  CHEIAB, Racha
Rare decays at LHCb  SILVA COUTINHO, Rafael
ATLAS 750 GeV Analysis  WANG, Fuquan
Wednesday, 9:00 – 10:00 – Research Hall Room 163

Antihydrogen Studies in ALPHA Prof. MADSEN, Niels
The search for an electric dipole moment of the neutron at PSI KREMPEL, Jochen

Coffee

Wednesday, 10:30 – 12:00 – Research Hall Room 163

Latest (Anti-)Neutrino Oscillation Results from T2K ZALIPSKA, Joanna
Recent Results from the Daya Bay Reactor Neutrino Experiment HUANG, En-chuan
The DUNE Experiment ANKOWSKI, Artur

Outing – National Mall, Washington, D.C.
Thursday, 9:00 – 10:00 – Research Hall Room 163
Hadron Scattering, Resonances and QCD  Dr. BRICENO, Raul
Charm mixing and CPV  CARBONE, Angelo

Coffee

Thursday, 10:30 – 12:30 – Research Hall Room 163
Beauty mixing and CPV  OBLAKOWSKA-MUCHA, Agnieszka
Mixing and CP violation in the B0 and B0s systems at ATLAS  BARTON, Adam Edward
Higher order effects in epsilon’/epsilon  Ms. CERDÀ SEVILLA, Maria
Measurement of CPV gamma angle  WHITEHEAD, Mark Peter

Lunch

Thursday, 13:30 – 15:00 – Research Hall Room 163
Hadron Spectroscopy, Exotics, and Bc Physics at LHCb  DEY, Biplab
Light hadron Spectroscopy and XYZ states at BESIII  PELIZAEUS, Marc
Modeling new XYZ states at JPAC  Dr. PILLONI, Alessandro

Coffee

Thursday 15:30 – 17:30 – Research Hall Room 163
Implications of Lepton nonuniversality in Flavor sector  GIRI, Anjan
Searches for lepton number violation and resonances in the K+ -->pi mu mu decays at the NA48/2 experiment  LAZZERONI, Cristina
Test of Lepton Flavour Universality with B decays  HAMILTON, Brian
On the Standard Model predictions for R_K and R_K*  PATTORI, Andrea

Poster Session – Research Hall Room 163 (Outside)
Cosmic Ray Muons in the Standard Model of Fundamental Particles  BARAZANDEH, Coli; GUTARRA-LEON, Angel
Charged Particle Backgrounds in a Possible KL --> pi0 nu nu Experiment at CERN  BRADLEY, Austin
Recent BABAR results on mixing and CP violation in the charm sector  Dr. PILLONI, Alessandro

Banquet, 19:30 – 21:00 – Student Union Building I Quad (Rain Location: Georges, Johnson Center 3rd Floor)
Friday, 9:00 – 10:00 – Research Hall Room 163
Kaonic atoms and strangeness in nuclei: SIDDHARTA-2 and AMADEUS experiments  ILIESCU, Mihail Antoniu
Neutral pion form factor measurement by the NA62 experiment  CENCI, Patrizia

Coffee

Friday 10:30 – 12:30 – Research Hall Room 163
Measurement of the pion form factor in the rho-peak region relevant for (g-2)\mu  REDMER, Christoph Florian
Low-energy hadronic cross sections measurements at BABAR, and implication for the g-2 of the muon  MCKENNA, Janis
The Muon g-2 Experiment  HOLZBAUER, Jenny Lyn
The PADME experiment at LNF  FIORE, Salvatore

Lunch

Friday, 13:30 – 15:00 – Research Hall Room 163
Dark sector searches at Jefferson Laboratory  CELENTANO, Andrea
Physics Opportunity with an Electron-Ion Collider  ROSSI, Patrizia
Charm and beauty production at an Electron-Ion Collider  WEISS, Christian

Friday, 15:30 – 17:30 – Research Hall Room 163
The PANDA Experiment At FAIR  ANDERSSON, Walter
Belle II Physics prospects, status, schedule  BENNETT, Jake
Belle II PID systems  SANDILYA, Saurabh
Saturday, 9:00 – 10:00 – Research Hall Room 163
Search for K+ to pi+ nu nu at NA62 PERRIN-TERRIN, Mathieu
Prospects for Measuring BR(KL -> pi0 nu nu) at the CERN SPS RUBIN, Philip David

Coffee

Saturday, 10:30 – 12:30 – Research Hall Room 163
Conference Summary SCHWARTZ, Alan
Farewell