



XIIth International Conference on Hyperons, Charm and Beauty Hadrons

George Mason University, Fairfax, Virginia

June 12-18, 2016

Program Timetable



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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 $b \rightarrow s$ 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 $K^+ \rightarrow \pi^0 \mu^+ \mu^-$ 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 $KL \rightarrow \pi^0 \nu \nu$ 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 π^+ $\nu \nu$ at NA62 PERRIN-TERRIN, Mathieu

Prospects for Measuring $BR(KL \rightarrow \pi^0 \nu \nu)$ at the CERN SPS RUBIN, Philip David

Coffee

Saturday, 10:30 – 12:30 – Research Hall Room 163

Conference Summary SCHWARTZ, Alan

Farewell