

The 4th International Workshop on Charm Physics:Charm2010

Report of Contributions

Contribution ID: 17

Type: **not specified**

Registration

Thursday, October 21, 2010 8:00 AM (30 minutes)

Contribution ID: **18**

Type: **not specified**

Welcome

Thursday, October 21, 2010 8:30 AM (20 minutes)

Presenter: Prof. WANG, Yifang (IHEP)

Session Classification: Charm Production Chair: Fred Harris

Contribution ID: 19

Type: **not specified**

Overview of Charmonium decay and production from NRQCD

Thursday, October 21, 2010 8:50 AM (30 minutes)

Presenter: SOTO, Joan (Universitat de Barcelona)

Session Classification: Charm Production Chair: Fred Harris

Contribution ID: 20

Type: **not specified**

Open charm and Charmonium production: first results from LHCb

Thursday, October 21, 2010 9:20 AM (25 minutes)

Presenter: Dr YANG, Zhenwei (Tsinghua University, Beijing, China)

Session Classification: Charm Production Chair: Fred Harris

Contribution ID: 21

Type: **not specified**

NRQCD factorization and quarkonium production at hadron-hadron and ep colliders

Thursday, October 21, 2010 9:45 AM (25 minutes)

Presenter: Dr BODWIN, Geoffrey (Argonne National Laboratory)

Session Classification: Charm Production Chair: Fred Harris

Contribution ID: 22

Type: **not specified**

Status of BESIII experiment

Thursday, October 21, 2010 10:25 AM (30 minutes)

Presenters: LIU, HuaiMin (IHEP); LIU, Huaimin (IHEP)

Session Classification: ☒ Charm production and Spectroscopy Chair: Yifang Wang

Contribution ID: 23

Type: **not specified**

Double Charmonium production from B factories

Thursday, October 21, 2010 10:55 AM (25 minutes)

Presenter: Dr PAKHLOV, Pavel (ITEP, Moscow)

Session Classification: ☒ Charm production and Spectroscopy Chair: Yifang Wang

Contribution ID: 24

Type: **not specified**

On the nature of the X(3872)

Thursday, October 21, 2010 11:20 AM (25 minutes)

Presenter: Prof. VIJANDE ASENJO, Javier (University of Valencia)

Session Classification: ☒ Charm production and Spectroscopy Chair: Yifang Wang

Contribution ID: 25

Type: **not specified**

Open charm analysis on the first proton-proton collisions at $\sqrt{s} = 7$ TeV at the LHC with ALICE

Thursday, October 21, 2010 11:45 AM (25 minutes)

Presenter: Mr ORTONA, Giacomo (University of Torino and INFN Torino)

Session Classification: ☒ Charm production and Spectroscopy Chair: Yifang Wang

Contribution ID: 26

Type: **not specified**

QCD correction to J/psi production at different energy scales

Thursday, October 21, 2010 12:10 PM (25 minutes)

Presenter: WANG, Jianxiong (IHEP)

Session Classification: ☒ Charm production and Spectroscopy Chair: Yifang Wang

Contribution ID: 27

Type: **not specified**

Charmonium and charm spectroscopy from Lattice QCD

Thursday, October 21, 2010 2:00 PM (25 minutes)

Presenter: Prof. DETAR, Carleton (University of Utah)

Session Classification: Charmonium Spectroscopy Chair: Kuang-Ta Chao

Contribution ID: 28

Type: **not specified**

Theoretical review on exotics charmonium

Thursday, October 21, 2010 2:25 PM (25 minutes)

Presenter: Prof. NIELSEN, Marina (Universidade de Sao Paulo)

Session Classification: Charmonium Spectroscopy Chair: Kuang-Ta Chao

Contribution ID: 29

Type: **not specified**

Hidden charm spectroscopy from Tevatron

Thursday, October 21, 2010 3:15 PM (25 minutes)

Presenter: Mr WICK, Felix (Karlsruhe Institute of Technology)

Session Classification: Charmonium Spectroscopy Chair: Kuang-Ta Chao

Contribution ID: **30**

Type: **not specified**

Hidden charm spectroscopy from B factories

Thursday, October 21, 2010 2:50 PM (25 minutes)

Presenter: Dr MIZYUK, Roman (Institute for Theoretical and Experimental Physics)

Session Classification: Charmonium Spectroscopy Chair: Kuang-Ta Chao

Contribution ID: **31**

Type: **not specified**

Hot topics of Belle - Recent results on X(3872)

Thursday, October 21, 2010 4:15 PM (25 minutes)

Presenter: BONDAR, Alex (BINP)

Session Classification: Charmonium and charm Chair: Michael Sokoloff

Contribution ID: 32

Type: **not specified**

The X(3872) and other X,Y,Z resonances as hidden charm meson-meson molecules

Thursday, October 21, 2010 4:40 PM (25 minutes)

Presenter: Prof. OSET, Eulogio (IFIC , University of Valencia)

Session Classification: Charmonium and charm Chair: Michael Sokoloff

Contribution ID: 33

Type: **not specified**

Open charm and charmonium states from EFTs

Thursday, October 21, 2010 5:05 PM (25 minutes)

Presenter: Prof. MEISSNER, Ulf-G. (Univ. Bonn & FZ Juelich)

Session Classification: Charmonium and charm Chair: Michael Sokoloff

Contribution ID: 34

Type: **not specified**

Theoretical review on Hadronic D/Ds decays

Thursday, October 21, 2010 5:30 PM (30 minutes)

Presenter: Prof. CHENG, Hai-Yang (Academia Sinica)

Session Classification: Charmonium and charm Chair: Michael Sokoloff

Contribution ID: 35

Type: **not specified**

D/Ds Dalitz decays from B factories

Thursday, October 21, 2010 6:00 PM (30 minutes)

Presenter: Dr CONVERY, Mark (SLAC National Accelerator Laboratory)

Session Classification: Charmonium and charm Chair: Michael Sokoloff

Contribution ID: 36

Type: **not specified**

Hadronic D/Ds decays from FOCUS

Friday, October 22, 2010 8:30 AM (25 minutes)

Presenter: Dr BIANCO, stefano (Laboratori Nazionali di Frascati dell'INFN)

Session Classification: Charm decays Chair: Fabrizio Bianchi

Contribution ID: 37

Type: **not specified**

Measurement of the Decay Rate of the D-meson to Rarely Occurring two-body Pseudo scalar Mesons

Friday, October 22, 2010 8:55 AM (20 minutes)

Presenter: Dr NISAR, shabana (Syracuse university, USA & LUMS, Lahore, Pakistan)

Session Classification: Charm decays Chair: Fabrizio Bianchi

Contribution ID: **38**

Type: **not specified**

Vub and weak annihilation in inclusive semileptonic D/Ds decays

Friday, October 22, 2010 9:15 AM (25 minutes)

Presenter: Dr KAMENIK, Jernej (Jozef Stefan Institute)

Session Classification: Charm decays Chair: Fabrizio Bianchi

Contribution ID: 39

Type: **not specified**

Recent progress on D semileptonic decays from Lattice QCD

Friday, October 22, 2010 9:40 AM (25 minutes)

Presenter: Dr NA, Heechang (The Ohio State University)

Session Classification: Charm decays Chair: Fabrizio Bianchi

Contribution ID: 40

Type: **not specified**

Semileptonic D/Ds and rare charm decays at FOCUS

Friday, October 22, 2010 10:05 AM (25 minutes)

Presenter: JOHNS, Will (Vanderbilt University)

Session Classification: Charm decays Chair: Fabrizio Bianchi

Contribution ID: 41

Type: **not specified**

Review of Semileptonic D /Ds Decays and Prospect at BESIII

Friday, October 22, 2010 10:45 AM (25 minutes)

Presenter: Prof. POLING, Ronald (University of Minnesota)

Session Classification: Charm decays Chair: David Asner

Contribution ID: 42

Type: **not specified**

Recent results on decay constant of charm mesons from LQCD

Friday, October 22, 2010 11:10 AM (25 minutes)

Presenter: Dr SIMONE, James (Fermilab)

Session Classification: Charm decays Chair: David Asner

Contribution ID: 43

Type: **not specified**

Leptonic D /Ds Decays from CLEO-c and Prospect at BESIII

Friday, October 22, 2010 11:35 AM (25 minutes)

Presenter: Prof. BRIERE, Roy (CMU)

Session Classification: Charm decays Chair: David Asner

Contribution ID: 44

Type: **not specified**

Pure leptonic Ds decays and decay constants from BABAR

Friday, October 22, 2010 12:00 PM (25 minutes)

Presenter: Dr RANDLE-CONDE, Aidan (SMU)

Session Classification: Charm decays Chair: David Asner

Contribution ID: 45

Type: **not specified**

CKM fitter and the role of Charm decays

Friday, October 22, 2010 2:00 PM (25 minutes)

Presenter: Dr DESCOTES-GENON, Sebastien (LPT Orsay (CNRS/Univ. Paris-Sud 11))

Session Classification: Charm decay and rare charm Chair: Mark Convery

Contribution ID: 46

Type: **not specified**

Rare and forbidden charm decays from B factories

Friday, October 22, 2010 2:25 PM (25 minutes)

Presenter: Dr GOLOB, Bostjan (University of Ljubljana, Slovenia)

Session Classification: Charm decay and rare charm Chair: Mark Convery

Contribution ID: 47

Type: **not specified**

Rare and forbidden Charm Decays from CLEO-c and Prospect at BESIII

Friday, October 22, 2010 2:50 PM (25 minutes)

Presenter: Dr CRONIN-HENNESSY, Daniel (Universoty of Minnesota)

Session Classification: Charm decay and rare charm Chair: Mark Convery

Contribution ID: 48

Type: **not specified**

SM Predictions on D0 oscillations and CPV

Friday, October 22, 2010 3:15 PM (25 minutes)

Presenter: Prof. LENZ, Alexander (University of Dortmund)

Session Classification: Charm decay and rare charm Chair: Mark Convery

Contribution ID: 49

Type: **not specified**

Theoretical review on the prospect for new physics in charm sector

Friday, October 22, 2010 3:40 PM (25 minutes)

Presenter: Dr PEREZ, Gilad (Weizmann Inst.)

Session Classification: Charm decay and rare charm Chair: Mark Convery

Contribution ID: 50

Type: **not specified**

D0 mixing and CP violation from Belle

Friday, October 22, 2010 4:20 PM (25 minutes)

Presenter: Dr WHITE, Eric (University of Cincinnati)

Session Classification: Mixing and CP violation Chair: Roy Briere

Contribution ID: 51

Type: **not specified**

Prospect of D0 mixing and CPV at LHCb

Friday, October 22, 2010 4:45 PM (25 minutes)

Presenter: Dr SPRADLIN, Patrick (University of Oxford)

Session Classification: Mixing and CP violation Chair: Roy Briere

Contribution ID: 52

Type: **not specified**

Impact of Quantum Correlations at Charm Threshold on the Determination γ

Friday, October 22, 2010 5:10 PM (25 minutes)

Presenter: Prof. LIBBY, Jim (Indian Institute of Technology Madras)

Session Classification: Mixing and CP violation Chair: Roy Briere

Contribution ID: 53

Type: **not specified**

Charm Mixing and Strong Phases at Threshold

Friday, October 22, 2010 5:35 PM (30 minutes)

Presenter: Dr ASNER, David (Pacific Northwest National Laboratory)

Session Classification: Mixing and CP violation Chair: Roy Briere

Contribution ID: 54

Type: **not specified**

CPV in (DD) pairs decay into (V1V2)(V3V4) and extraction of strong phase at threshold

Friday, October 22, 2010 6:05 PM (25 minutes)

Presenter: CHARLES, Jérôme (Marseille, CPT)

Session Classification: Mixing and CP violation Chair: Roy Briere

Contribution ID: 55

Type: **not specified**

D0 mixing and CP violation from Tevatron

Saturday, October 23, 2010 8:30 AM (25 minutes)

Presenter: Dr MORELLO, Michael Joseph (Fermilab)

Session Classification: Mixing, CP violation and Charm spectroscopy Chair:Zhi-zhong Xin

Contribution ID: 56

Type: **not specified**

CP violation and D0 mixing from BABAR

Saturday, October 23, 2010 8:55 AM (25 minutes)

Presenter: Prof. CHEN, Chunhui (Iowa State University)

Session Classification: Mixing, CP violation and Charm spectroscopy Chair:Zhi-zhong Xin

Contribution ID: 57

Type: **not specified**

Theoretical review on excited D^*/D_s^* mesons

Saturday, October 23, 2010 9:20 AM (25 minutes)

Presenter: Prof. LIU, Xiang (School of Physical Science and Technology, Lanzhou University)

Session Classification: Mixing, CP violation and Charm spectroscopy Chair: Zhi-zhong Xin

Contribution ID: 58

Type: **not specified**

A new interpretation for the $D^*s_2(2573)$ and the prediction of novel exotic charmed mesons

Saturday, October 23, 2010 9:45 AM (20 minutes)

Presenter: MOLINA, Raquel (IFIC)

Session Classification: Mixing, CP violation and Charm spectroscopy Chair:Zhi-zhong Xin

Contribution ID: 59

Type: **not specified**

Charm spectroscopy from B factories

Saturday, October 23, 2010 10:20 AM (25 minutes)

Presenter: BENITEZ, Jose (SLAC)

Session Classification: Spectroscopy Chair: Bingsong Zou

Contribution ID: 60

Type: **not specified**

Results on charm baryon spectroscopy from Tevatron

Saturday, October 23, 2010 10:45 AM (25 minutes)

Presenter: Mr WICK, Felix (Karlsruhe Institute of Technology)

Session Classification: Spectroscopy Chair: Bingsong Zou

Contribution ID: **61**

Type: **not specified**

Baryon resonances

Saturday, October 23, 2010 11:10 AM (30 minutes)

Presenter: Prof. RICHARD, Jean-Marc (Institut de Physique Nucléaire, Université de Lyon, France)

Session Classification: Spectroscopy Chair: Bingsong Zou

Contribution ID: 62

Type: **not specified**

Exotic charmed four-quark mesons: molecules versus compact states

Saturday, October 23, 2010 11:40 AM (25 minutes)

Presenter: Prof. VALCARCE, Alfredo (University of Salamanca)

Session Classification: Spectroscopy Chair: Bingsong Zou

Contribution ID: 63

Type: **not specified**

A precise quark model description of charmonium spectrum

Saturday, October 23, 2010 12:05 PM (25 minutes)

Presenter: Prof. GONZALEZ MARHUENDA, Pedro (University of Valencia)

Session Classification: Spectroscopy Chair: Bingsong Zou

Contribution ID: **64**

Type: **not specified**

Recent results on light hadron spectroscopy at BESIII

Saturday, October 23, 2010 2:00 PM (25 minutes)

Presenter: Dr CHEN, Ye (IHEP)

Session Classification: Spectroscopy and Charmonium decay Chair: Xiaoyan Shen

Contribution ID: 65

Type: **not specified**

Recent results from KEDR

Saturday, October 23, 2010 2:25 PM (30 minutes)

Presenters: Mr TODYSHEV, Korneliy (BINP); E. BLINOV, Vladimir (BINP)

Session Classification: Spectroscopy and Charmonium decay Chair: Xiaoyan Shen

Contribution ID: 66

Type: **not specified**

Measurement psi(3770) resonance parameters from KEDR

Saturday, October 23, 2010 2:55 PM (20 minutes)

Presenter: Mr TODYSHEV, Korneliy (BINP)

Session Classification: Spectroscopy and Charmonium decay Chair: Xiaoyan Shen

Contribution ID: 67

Type: **not specified**

Measurement of BR(J/psi to gamma eta_c) at KEDR

Saturday, October 23, 2010 3:15 PM (20 minutes)

Presenter: MALYSHEV, Vladimir (BINP, Russia)

Session Classification: Spectroscopy and Charmonium decay Chair: Xiaoyan Shen

Contribution ID: 68

Type: **not specified**

Low energy $D^* + \bar{D}^0_1$ scattering and Charmonium radiative decay from lattice QCD

Saturday, October 23, 2010 3:35 PM (25 minutes)

Presenter: Prof. LIU, Chuan (School of Physics, Peking University)

Session Classification: Spectroscopy and Charmonium decay Chair: Xiaoyan Shen

Contribution ID: 69

Type: **not specified**

Meson Emission Model of ψ to NN in Charmonium Strong Decays

Saturday, October 23, 2010 4:15 PM (25 minutes)

Presenter: Prof. BARNES, Ted (ORNL / U.Tenn.)

Session Classification: Spectroscopy and Charmonium decay Chair: Xueqian Li

Contribution ID: 70

Type: **not specified**

Effect of charmed meson loops on charmonium transitions

Saturday, October 23, 2010 4:40 PM (25 minutes)

Presenter: Prof. ZHAO, Qiang (Institute of High Energy Physics, Chinese Academy of Sciences)

Session Classification: Spectroscopy and Charmonium decay Chair: Xueqian Li

Contribution ID: 71

Type: **not specified**

Recent results from Charmonium decays at BESIII

Saturday, October 23, 2010 5:05 PM (25 minutes)

Presenter: Dr WANG, Liangliang (CCAST)

Session Classification: Spectroscopy and Charmonium decay Chair: Xueqian Li

Contribution ID: 72

Type: **not specified**

Recent Results on Charmonium Decays at CLEO-c

Saturday, October 23, 2010 5:30 PM (25 minutes)

Presenter: MITCHELL, Ryan (Indiana University)

Session Classification: Spectroscopy and Charmonium decay Chair: Xueqian Li

Contribution ID: 73

Type: **not specified**

Dark sector at low energy e+e- facilites

Saturday, October 23, 2010 5:55 PM (25 minutes)

Presenter: WANG, Lian-Tao (Princeton)

Session Classification: Spectroscopy and Charmonium decay Chair: Xueqian Li

Contribution ID: 74

Type: **not specified**

Status of PANDA Experiment

Sunday, October 24, 2010 8:30 AM (30 minutes)

Presenter: Prof. PETERS, Klaus (GSI Darmstadt)

Session Classification: Future facilities Chair: Yoshihide Sakai

Contribution ID: 75

Type: **not specified**

Tau-charm physics at a super tau-charm factory

Sunday, October 24, 2010 9:00 AM (30 minutes)

Presenter: BONDAR, Alex (BINP)

Session Classification: Future facilities Chair: Yoshihide Sakai

Contribution ID: 76

Type: **not specified**

Status of the Super-B experiment and reach of charm physics

Sunday, October 24, 2010 9:30 AM (30 minutes)

Presenter: SOKOLOFF, Michael (Cincinnati)

Session Classification: Future facilities Chair: Yoshihide Sakai

Contribution ID: 77

Type: **not specified**

Status of the Belle II experiment and prospects of charm physics

Sunday, October 24, 2010 10:00 AM (30 minutes)

Presenter: Prof. LIU, Zhen An (IHEP)

Session Classification: Future facilities Chair: Yoshihide Sakai

Contribution ID: 78

Type: **not specified**

CHARM2010: Experimental summary and future charm facilities

Sunday, October 24, 2010 10:50 AM (30 minutes)

Presenter: APPEL, Jeffrey (Fermilab)

Session Classification: Closing session Chair: Jian-Ping Ma

Contribution ID: 79

Type: **not specified**

Charm2010: Theoretical review

Sunday, October 24, 2010 11:20 AM (30 minutes)

Presenter: Prof. BARNES, Ted (ORNL / U.Tenn.)

Session Classification: Closing session Chair: Jian-Ping Ma

Contribution ID: **80**

Type: **not specified**

Closing remark

Sunday, October 24, 2010 11:50 AM (10 minutes)

Session Classification: Closing session Chair: Jian-Ping Ma

Contribution ID: **81**

Type: **not specified**

Strong radiative decay of X(3872) as a hadronic molecules

Thursday, October 21, 2010 3:40 PM (20 minutes)

Presenter: Dr MA, Yong-Liang (Department of Physics, Nagoya University)

Session Classification: Charmonium Spectroscopy Chair: Kuang-Ta Chao