

**BES-Belle-CLEO-Babar 2007  
Joint workshop on Charm  
Physics**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Opening Address – by Hesheng Chen (Director, IHEP)**

*Monday, 26 November 2007 08:30 (20 minutes)*

Contribution ID: 1

Type: **not specified**

## **Hadron spectroscopy & new resonances at BESII&III**

*Monday, 26 November 2007 08:50 (20 minutes)*

**Presenter:** , Xiaoyan Shen (IHEP) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonances

Contribution ID: 2

Type: **not specified**

## ISR $\psi$ $h+h^-$ and $D^{(*)}D^{(*)}$

*Monday, 26 November 2007 09:10 (20 minutes)*

**Presenter:** , C.Z.Yuan (IHEP) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonances

Contribution ID: 3

Type: **not specified**

## **B->X(3872) K(\*)**

*Monday, 26 November 2007 09:30 (20 minutes)*

**Presenter:** , K.Trabelsi (KEK) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonances

Contribution ID: 4

Type: **not specified**

## **Z(4430)**

*Monday, 26 November 2007 09:50 (20 minutes)*

**Presenter:** , S. Olsen (UH) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonances

Contribution ID: 5

Type: **not specified**

## **Signal significance and its systematic uncertainties**

*Monday, 26 November 2007 10:35 (20 minutes)*

**Presenter:** , Shan Jin (IHEP) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonances

Contribution ID: 6

Type: **not specified**

## **Hadronic states with large multiquark component**

*Monday, 26 November 2007 10:55 (20 minutes)*

**Presenter:** , Bingsong Zou(IHEP) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonances



Contribution ID: 7

Type: **not specified**

## Theoretical studies on X and Z particles

*Monday, 26 November 2007 11:15 (20 minutes)*

**Presenter:** , C. Meng (PKU) [18+2]

**Session Classification:** Session 1 : Hadron spectroscopy and new resonsnaces

Contribution ID: 8

Type: **not specified**

## **D mixing in D0 decays to CP eigenstates**

*Monday, 26 November 2007 11:35 (20 minutes)*

**Presenter:** , M.Staric (UM) [18+2]

**Session Classification:** Session 2 : D0D0\_bar mixing

Contribution ID: 9

Type: **not specified**

## Charm mixing from Babar

*Monday, 26 November 2007 13:30 (30 minutes)*

**Presenter:** , Nicola Neri (INFN, Babar) [25+5]

**Session Classification:** Session 2 : D0D0\_bar mixing

Contribution ID: **10**

Type: **not specified**

## **Rare and CP Correlated Charm Meson Decays**

*Monday, 26 November 2007 14:00 (30 minutes)*

**Presenter:** , Jim Napolitano (RPI) [25+5]

**Session Classification:** Session 2 : D0D0\_bar mixing

Contribution ID: 11

Type: **not specified**

## **D0D0\_bar mixing at BESIII**

*Monday, 26 November 2007 14:30 (20 minutes)*

**Presenter:** , Haibo Li (IHEP) [18+2]

**Session Classification:** Session 2 : D0D0\_bar mixing

Contribution ID: 12

Type: **not specified**

## D mixing and CPV averages

*Monday, 26 November 2007 14:50 (20 minutes)*

**Presenter:** , A. Schwartz (UC) [18+2]

**Session Classification:** Session 2 : D0D0\_bar mixing

Contribution ID: 13

Type: **not specified**

## **D0-D0bar Mixing and CP Violation in the SM**

*Monday, 26 November 2007 15:10 (30 minutes)*

**Presenter:** , Zhizhong Xing (IHEP) [25+5]

**Session Classification:** Session 2 : D0D0\_bar mixing

Contribution ID: 14

Type: **not specified**

## Charmonium spectroscopy and decay from Babar

*Monday, 26 November 2007 16:05 (30 minutes)*

**Presenter:** , Silvano Tosi (INFN, Babar) [25+5]

**Session Classification:** Session 3 : Charmonium decays



Contribution ID: 15

Type: **not specified**

## **ee -> J/psi X[D(\*)D(\*)] & psi(4415)->DD\_2**

*Monday, 26 November 2007 16:35 (20 minutes)*

**Presenter:** , P.Pakhlov (ITEP) [18+2]

**Session Classification:** Session 3 : Charmonium decays

Contribution ID: 16

Type: **not specified**

## Charmonium decays in two-photon process

*Monday, 26 November 2007 16:55 (20 minutes)*

**Presenter:** , H.Nakazawa (NCU) [18+2]

**Session Classification:** Session 3 : Charmonium decays

Contribution ID: 17

Type: **not specified**

## Charmonium decays at BESII&III

*Monday, 26 November 2007 17:15 (20 minutes)*

**Presenter:** , Haixuan Chen (IHEP) [18+2]

**Session Classification:** Session 3 : Charmonium decays

Contribution ID: **18**

Type: **not specified**

## **Productions and decays of charmonium**

*Monday, 26 November 2007 17:35 (30 minutes)*

**Presenter:** , J.P. Ma (ITP) [25+5]

**Session Classification:** Session 3 : Charmonium decays

Contribution ID: 21

Type: **not specified**

## **non-DDbar decay of $\psi(3770)$ & charm decays at BESII&III**

*Tuesday, 27 November 2007 09:00 (20 minutes)*

**Presenter:** , Gang Rong (IHEP) [18+2]

**Session Classification:** Session 4 : Charm hadronic & (semi-)leptonic decays

Contribution ID: 22

Type: **not specified**

## **New Physics in charm mixing and CP violation physics**

*Tuesday, 27 November 2007 08:30 (30 minutes)*

**Presenter:** , Alexey A. Petrov(WSU) [25+5]

Contribution ID: 23

Type: **not specified**

## Precision Open Charm Branching Ratio Measurements

*Tuesday, 27 November 2007 09:20 (30 minutes)*

**Presenter:** , Dan Hennessy (CLEO, Cornell) [25+5]

**Session Classification:** Session 4 : Charm hadronic & (semi-)leptonic decays

Contribution ID: 24

Type: **not specified**

## **Ds -> mu nu**

*Tuesday, 27 November 2007 09:50 (20 minutes)*

**Presenter:** , B.Golob (UM) [18+2]

**Session Classification:** Session 4 : Charm hadronic & (semi-)leptonic decays



Contribution ID: 25

Type: **not specified**

## **gamma gamma -> pi pi**

*Tuesday, 27 November 2007 10:35 (20 minutes)*

**Presenter:** , S.Uehara (KEK) [18+2]

**Session Classification:** Session 5 : QCD at low energy and Tau physics

Contribution ID: 26

Type: **not specified**

## **tau results from Belle**

*Tuesday, 27 November 2007 10:55 (20 minutes)*

**Presenter:** , H.Hayashii (NWU) [18+2]

**Session Classification:** Session 5 : QCD at low energy and Tau physics

Contribution ID: 27

Type: **not specified**

## Lunch

*Tuesday, 27 November 2007 11:45 (1h 15m)*

**Session Classification:** Session 5 : QCD at low energy and Tau physics

Contribution ID: 28

Type: **not specified**

## **tau decays from Babar**

*Tuesday, 27 November 2007 11:15 (30 minutes)*

**Presenter:** , Alberto Lusiani (INFN, Babar) [25+5]

**Session Classification:** Session 5 : QCD at low energy and Tau physics

Contribution ID: 29

Type: **not specified**

## Measurements of tau mass & its Branching fractions at BESIII

*Tuesday, 27 November 2007 14:15 (20 minutes)*

**Presenter:** , Xiaohu Mo (IHEP) [18+2]

**Session Classification:** Session 5 : QCD at low energy and Tau physics

Contribution ID: **30**

Type: **not specified**

## **Amplitude Analysis: Physics and Tools**

*Tuesday, 27 November 2007 14:35 (30 minutes)*

**Presenter:** , Matt Shepherd (CLEO, Cornell) [25+5]

**Session Classification:** Session 6 : Partial Wave/Dalitz analysis, MC generator and Tools

Contribution ID: 31

Type: **not specified**

## Dalitz plot analysis for $\phi_3$ measurement

*Tuesday, 27 November 2007 16:10 (20 minutes)*

**Presenter:** , A.Poluektov (BINP) [18+2]

**Session Classification:** Session 6 : Partial Wave/Dalitz analysis, MC generator and Tools

Contribution ID: 32

Type: **not specified**

## **Model Independent Method for $\phi$ measurement**

*Tuesday, 27 November 2007 16:30 (20 minutes)*

**Presenter:** , A.Bondar (BINP) [18+2]

**Session Classification:** Session 6 : Partial Wave/Dalitz analysis, MC generator and Tools



Contribution ID: 33

Type: **not specified**

## **PWA with huge statistics at BESIII**

*Tuesday, 27 November 2007 16:50 (20 minutes)*

**Presenter:** , Hongxun Yang (IHEP) [18+2]

**Session Classification:** Session 6 : Partial Wave/Dalitz analysis, MC generator and Tools

Contribution ID: 34

Type: **not specified**

## **Charm and CKM, now and in the future (CKMfitter contribution to the BESIII physics book)**

*Tuesday, 27 November 2007 15:05 (20 minutes)*

**Presenter:** , Sebastien Descotes-Genon (PSUD) [18+2]

**Session Classification:** Session 6 : Partial Wave/Dalitz analysis, MC generator and Tools

Contribution ID: 35

Type: **not specified**

## Status of the CKMfitter project

*Tuesday, 27 November 2007 15:50 (20 minutes)*

**Presenter:** , J Charles (MRS) [18+2]

**Session Classification:** Session 6 : Partial Wave/Dalitz analysis, MC generator and Tools

Contribution ID: 36

Type: **not specified**

## Particle Identification at BESIII

*Tuesday, 27 November 2007 17:10 (20 minutes)*

**Presenter:** , Yuekung Heng (IHEP) [18+2]

**Session Classification:** Session 7 : Detector upgrade

Contribution ID: 37

Type: **not specified**

## **Vertex/Pixel detector for SuperB**

*Tuesday, 27 November 2007 17:30 (20 minutes)*

**Presenter:** , G. Varner (UH) [18+2]

**Session Classification:** Session 7 : Detector upgrade

Contribution ID: **38**

Type: **not specified**

## **PID upgrade for SuperB**

*Tuesday, 27 November 2007 17:50 (20 minutes)*

**Presenter:** , T. Iijima (MU) [18+2]

**Session Classification:** Session 7 : Detector upgrade

Contribution ID: 41

Type: **not specified**

## **Closing speech – Weiguo Li (IHEP)**

*Tuesday, 27 November 2007 18:10 (10 minutes)*