

**10th International Workshop  
on e+e- collisions from Phi to  
Psi**

**Report of Contributions**

Contribution ID: **18**

Type: **not specified**

## **Registration (through the morning)**

*Wednesday, 23 September 2015 08:30 (20 minutes)*

**Session Classification:** R measurement (1)

Contribution ID: 19

Type: **not specified**

## Opening speech

*Wednesday, 23 September 2015 08:50 (10 minutes)*

**Presenter:** Prof. HAN (DEPARTMENT CHAIR), Liang (USTC)

**Session Classification:** R measurement (1)

Contribution ID: **20**

Type: **not specified**

## **Overview of the CMD-3 results**

*Wednesday, 23 September 2015 09:00 (25 minutes)*

**Presenter:** FEDOTOVICH, Gennady

**Session Classification:** R measurement (1)

Contribution ID: 21

Type: **not specified**

## **BaBar ISR measurements**

*Wednesday, 23 September 2015 09:25 (25 minutes)*

**Presenter:** KOZYREV, Evgeny

**Session Classification:** R measurement (1)

Contribution ID: 22

Type: **not specified**

## **Study of $e^+e^-$ annihilation to hadrons below 2 GeV with SND**

*Wednesday, 23 September 2015 09:50 (25 minutes)*

**Presenter:** DIMOVA, Tatyana (Budker Institute of Nuclear Physics)

**Session Classification:** R measurement (1)

Contribution ID: 23

Type: **not specified**

## Precise measurement of $e^+e^- \rightarrow K^+K^-$ at SND

*Wednesday, 23 September 2015 10:15 (20 minutes)*

**Presenter:** BELOBORODOV, Konstantin

**Session Classification:** R measurement (1)

Contribution ID: 24

Type: **not specified**

## Recent results from the KEDR detector at the VEPP-4M

*Wednesday, 23 September 2015 11:00 (25 minutes)*

**Presenter:** Dr TODYSHEV, Korneliy (BINP)

**Session Classification:** R measurement (2)



Contribution ID: 25

Type: **not specified**

## **KLOE/KLOE2 results**

*Wednesday, 23 September 2015 11:25 (25 minutes)*

**Presenter:** DE LEO, Veronica

**Session Classification:** R measurement (2)

Contribution ID: 26

Type: **not specified**

## **BESIII R scan**

*Wednesday, 23 September 2015 11:50 (25 minutes)*

**Presenter:** Prof. HU, Haiming (IHEP, CAS)

**Session Classification:** R measurement (2)

Contribution ID: 27

Type: **not specified**

## **BESIII 2pi/3pi ISR**

*Wednesday, 23 September 2015 12:15 (20 minutes)*

**Presenter:** Mr WANG, Yaqian (KPH)

**Session Classification:** R measurement (2)

Contribution ID: 28

Type: **not specified**

## Theory review on Form Factors

*Wednesday, 23 September 2015 14:00 (25 minutes)*

**Presenter:** PACETTI, Simone (INFN and Univ. of Perugia)

**Session Classification:** Form Factors (1)

Contribution ID: 29

Type: **not specified**

## Experimental review on Form Factors

*Wednesday, 23 September 2015 14:25 (25 minutes)*

**Presenter:** JOHANSSON, Tord (Uppsala University)

**Session Classification:** Form Factors (1)

Contribution ID: **30**

Type: **not specified**

## **Preliminary results on $e^+e^- \rightarrow \pi^+\pi^-$ form factor at CMD-3**

*Wednesday, 23 September 2015 14:50 (25 minutes)*

**Presenter:** IGNATOV, Fedor

**Session Classification:** Form Factors (1)

Contribution ID: 31

Type: **not specified**

## **Measurement of the timelike neutron and proton form factors at VEPP-2000**

*Wednesday, 23 September 2015 15:15 (25 minutes)*

**Presenter:** KOROL, Aleksandr (Novosibirsk State Univ. / Budker INP)

**Session Classification:** Form Factors (1)

Contribution ID: 32

Type: **not specified**

## **BaBar Form Factor measurements**

*Wednesday, 23 September 2015 16:10 (25 minutes)*

**Presenter:** KOZYREV, Evgeny

**Session Classification:** Form Factors (2)



Contribution ID: **33**

Type: **not specified**

## **BESIII form factor measurements**

*Wednesday, 23 September 2015 16:35 (25 minutes)*

**Presenter:** Dr WANG YADI, Yadi (HIM-GSI)

**Session Classification:** Form Factors (2)

Contribution ID: 34

Type: **not specified**

## **Form factor measurements at WASA**

*Wednesday, 23 September 2015 17:00 (25 minutes)*

**Presenter:** KUPSC, Andrzej (Uppsala University)

**Session Classification:** Form Factors (2)

Contribution ID: 35

Type: **not specified**

## **Form Factor measurements at JLAB**

*Wednesday, 23 September 2015 17:25 (25 minutes)*

**Presenter:** WOJTSEKHOWSK, Bogdan

**Session Classification:** Form Factors (2)

Contribution ID: 36

Type: **not specified**

## Charm physics at BELLE

*Thursday, 24 September 2015 09:00 (25 minutes)*

**Presenter:** Mr LI, Longke (USTC)

**Session Classification:** Flavor physics

Contribution ID: 37

Type: **not specified**

## Flavour Physics at LHCb

*Thursday, 24 September 2015 09:25 (25 minutes)*

**Presenter:** Dr BARSUK, Sergey (LAL, Orsay)

**Session Classification:** Flavor physics

Contribution ID: **38**

Type: **not specified**

## **Charm physics at BESIII**

*Thursday, 24 September 2015 09:50 (25 minutes)*

**Presenter:** MA, Hailong (高能所)

**Session Classification:** Flavor physics

Contribution ID: 39

Type: **not specified**

## **BaBar Measurement of the $D_0 \rightarrow \pi^- e^+ \nu_e$**

*Thursday, 24 September 2015 10:15 (20 minutes)*

**Presenter:** GRIESSINGER, Konrad

**Session Classification:** Flavor physics

Contribution ID: 40

Type: **not specified**

## **A new look at $V_{us}$ from inclusive flavor-breaking hadronic tau decay sum rules**

*Thursday, 24 September 2015 11:00 (25 minutes)*

**Presenter:** Prof. MALTMAN, Kim (York University)

**Session Classification:** Tau physics



Contribution ID: 41

Type: **not specified**

## Radiative tau leptonic decays

*Thursday, 24 September 2015 11:25 (25 minutes)*

**Presenter:** FAEL, Matteo (University of Bern)

**Session Classification:** Tau physics

Contribution ID: 42

Type: **not specified**

## **Five-lepton lepton decays in the SM and beyond**

*Thursday, 24 September 2015 11:50 (20 minutes)*

**Presenter:** ROIG, Pablo

**Session Classification:** Tau physics

Contribution ID: 43

Type: **not specified**

## **Combined analysis of the decays $\tau \rightarrow K \pi \nu$ and $\tau \rightarrow K e \nu$**

*Thursday, 24 September 2015 12:10 (20 minutes)*

**Presenter:** ESCRIBANO, Rafel (Universitat Autònoma de Barcelona)

**Session Classification:** Tau physics

Contribution ID: 44

Type: **not specified**

## Theoretical review on g-2

*Thursday, 24 September 2015 14:00 (30 minutes)*

**Presenter:** CZARNECKI, Andrzej

**Session Classification:** g-2

Contribution ID: 45

Type: **not specified**

## **g-2 exp. at FNAL**

*Thursday, 24 September 2015 14:30 (20 minutes)*

**Presenter:** KIM, SeungCheon (Cornell University)

**Session Classification:** g-2

Contribution ID: 46

Type: **not specified**

## **g-2 exp. at J-PARC**

*Thursday, 24 September 2015 14:50 (20 minutes)*

**Presenter:** SHWARTZ, Boris

**Session Classification:** g-2

Contribution ID: 47

Type: **not specified**

## Spacelike measurement for $a_\mu$

*Thursday, 24 September 2015 15:10 (25 minutes)*

**Presenter:** Dr CARLONI CALAME, Carlo (University of Pavia)

**Session Classification:** g-2

Contribution ID: 48

Type: **not specified**

## **gamma gamma physics and Transition FF measurements at KLOE/KLOE-2**

*Thursday, 24 September 2015 16:00 (25 minutes)*

**Presenter:** Dr GAUZZI, Paolo (Sapienza Universita' di Roma e INFN Sezione di Roma)

**Session Classification:** gamma-gamma/HLbL



Contribution ID: 49

Type: **not specified**

## Two-Photon physics studies at Belle

*Thursday, 24 September 2015 16:25 (25 minutes)*

**Presenter:** 徐, 庆年 (University of Chinese Academy of Sciences)

**Session Classification:** gamma-gamma/HLbL

Contribution ID: 50

Type: **not specified**

## **gamma-gamma analysis at BESIII**

*Thursday, 24 September 2015 16:50 (25 minutes)*

**Presenter:** Dr REDMER, Christoph Florian (Johannes Gutenberg University of Mainz)

**Session Classification:** gamma-gamma/HLbL

Contribution ID: 51

Type: **not specified**

## **Hadronic contribution from light by light processes in $(g-2)_\mu$ in nonlocal quark model**

*Thursday, 24 September 2015 17:15 (25 minutes)*

**Presenter:** ZHEVLAKOV, Alexey (Tomsk State University)

**Session Classification:** gamma-gamma/HLbL

Contribution ID: 52

Type: **not specified**

## The eta Transition Form Factor from Space- and Time-like Experimental Data

*Thursday, 24 September 2015 17:40 (25 minutes)*

**Presenter:** ESCRIBANO, Rafel (Universitat Autònoma de Barcelona)

**Session Classification:** gamma-gamma/HLbL

Contribution ID: 53

Type: **not specified**

## Proton Radius QED theory

*Friday, 25 September 2015 09:00 (30 minutes)*

**Presenter:** KARSHENBOIM, Savely

**Session Classification:** Proton radius puzzle

Contribution ID: 54

Type: **not specified**

## **New electronic atomic physics measurements**

*Friday, 25 September 2015 09:30 (25 minutes)*

**Presenter:** BEYER, Axel (Max Planck Institute of Quantum Optics)

**Session Classification:** Proton radius puzzle

Contribution ID: 55

Type: **not specified**

## **New JLab experiment (PRad) on proton charge radius**

*Friday, 25 September 2015 09:55 (25 minutes)*

**Presenter:** GAO, Haiyan

**Session Classification:** Proton radius puzzle

Contribution ID: 56

Type: **not specified**

## **sin2theta Theory and new physics**

*Friday, 25 September 2015 10:50 (20 minutes)*

**Presenter:** LEE, Hye-Sung

**Session Classification:** Electroweak



Contribution ID: 57

Type: **not specified**

## **Perspectives for $\sin^2\theta$ at BELLEII**

*Friday, 25 September 2015 11:10 (20 minutes)*

**Presenter:** SHWARTZ, Boris

**Session Classification:** Electroweak

Contribution ID: 58

Type: **not specified**

## **P2 measurement at Mainz**

*Friday, 25 September 2015 11:30 (20 minutes)*

**Presenter:** BERGER, Niklaus (Johannes Gutenberg University of Mainz)

**Session Classification:** Electroweak

Contribution ID: 59

Type: **not specified**

## Dalitz decay studies at BESIII

*Friday, 25 September 2015 11:50 (20 minutes)*

**Presenter:** WANG, Dayong (Peking University)

**Session Classification:** Electroweak

Contribution ID: 60

Type: **not specified**

## **Comprehensive study of eta/eta' physics in chiral effective field theory**

*Friday, 25 September 2015 12:10 (20 minutes)*

**Presenter:** Dr GUO, Zhi-Hui (Hebei Normal University)

**Session Classification:** Electroweak

Contribution ID: 61

Type: **not specified**

## Theoretical review of XYZ

*Saturday, 26 September 2015 09:00 (25 minutes)*

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

**Session Classification:** Spectroscopy (1)

Contribution ID: **62**

Type: **not specified**

## **XYZ at BESIII**

*Saturday, 26 September 2015 09:25 (25 minutes)*

**Presenter:** ZHANG JINGZHI, Jingzhi (高能所)

**Session Classification:** Spectroscopy (1)

Contribution ID: 63

Type: **not specified**

## XYZ at BELLE

*Saturday, 26 September 2015 09:50 (25 minutes)*

**Presenter:** Dr SHEN CHENGPING, 沈成平 (高能所)

**Session Classification:** Spectroscopy (1)

Contribution ID: 64

Type: **not specified**

## **New results on exotic baryon resonances at LHCb**

*Saturday, 26 September 2015 10:15 (25 minutes)*

**Presenter:** ZHANG, Liming

**Session Classification:** Spectroscopy (1)



Contribution ID: 65

Type: **not specified**

## **BESIII light hadron spectroscopy**

*Saturday, 26 September 2015 11:10 (25 minutes)*

**Presenter:** 房, 双世 (高能所)

**Session Classification:** Spectroscopy (2)/MC

Contribution ID: 66

Type: **not specified**

## **Towards nature of the X(3872) resonance**

*Saturday, 26 September 2015 11:35 (25 minutes)*

**Presenter:** Prof. ACHASOV, Nikolay (Sobolev Institute for Mathematics)

**Session Classification:** Spectroscopy (2)/MC

Contribution ID: 67

Type: **not specified**

## Status of MC generators

*Saturday, 26 September 2015 12:00 (25 minutes)*

**Presenter:** Prof. CZYZ, Henryk (US)

**Session Classification:** Spectroscopy (2)/MC

Contribution ID: **68**

Type: **not specified**

## **Dark mediator searches at KLOE/KLOE-2**

*Saturday, 26 September 2015 14:00 (25 minutes)*

**Presenter:** PEREZ DEL RIO, Elena (INFN-LNF)

**Session Classification:** Dark Photon

Contribution ID: 69

Type: **not specified**

## Search for the dark photon in $\pi^0$ decays at NA48/NA62

*Saturday, 26 September 2015 14:25 (25 minutes)*

**Presenter:** GONNELLA, Francesco

**Session Classification:** Dark Photon

Contribution ID: 70

Type: **not specified**

## **Search for dark photon and long-lived particles at BaBar**

*Saturday, 26 September 2015 14:50 (25 minutes)*

**Presenter:** Dr LUSIANI, Alberto (Scuola Normale Superiore)

**Session Classification:** Dark Photon

Contribution ID: 71

Type: **not specified**

## Facility at JLAB for hadron physics

*Saturday, 26 September 2015 15:40 (25 minutes)*

**Presenter:** GAO, Haiyan

**Session Classification:** Machines and detectors

Contribution ID: 72

Type: **not specified**

## **Precision hadron physics at MAMI and MESA**

*Saturday, 26 September 2015 16:05 (25 minutes)*

**Presenter:** Prof. DENIG, Achim (Johannes Gutenberg University of Mainz)

**Session Classification:** Machines and detectors



Contribution ID: 73

Type: **not specified**

## **The Belle II Experiment and SuperKEKB Upgrade**

*Saturday, 26 September 2015 16:30 (25 minutes)*

**Presenter:** Mr WANG, Boqun (Peking University)

**Session Classification:** Machines and detectors

Contribution ID: 74

Type: **not specified**

## **Status and prospects of e+e- colliders at BINP**

*Saturday, 26 September 2015 16:55 (25 minutes)*

**Presenter:** PIMINOV, Pavel

**Session Classification:** Machines and detectors

Contribution ID: 75

Type: **not specified**

## **Post BEPCII in China: HIEPA**

*Saturday, 26 September 2015 17:20 (25 minutes)*

**Presenter:** Dr LIU, Jianbei (University of Science and Technology of China (USTC))

**Session Classification:** Machines and detectors

Contribution ID: 76

Type: **not specified**

## **Study of the $e^+e^- \rightarrow \Phi \eta$ reaction with CMD-3 detector**

*Friday, 25 September 2015 14:00 (4 hours)*

**Presenter:** IVANOV, Vecheslav

**Session Classification:** Poster/Excursion

Contribution ID: 77

Type: **not specified**

## **Study of the $e^+e^- \rightarrow \bar{K} K$ (KSKL, $K^+K^-$ ) reactions with CMD-3 Detector**

*Friday, 25 September 2015 14:00 (4 hours)*

**Presenter:** KOZYREV, Evgeny

**Session Classification:** Poster/Excursion

Contribution ID: 78

Type: **not specified**

## **Study of the $e^+e^- \rightarrow \eta \pi^+\pi^-$ , $\omega \pi^+\pi^-$ reactions with CMD-3 Detector**

*Friday, 25 September 2015 14:00 (20 minutes)*

**Presenter:** POPOV, Alexander

**Session Classification:** Poster/Excursion

Contribution ID: 79

Type: **not specified**

## **Study of the $e^+e^- \rightarrow VP$ reactions at the VEPP-2000 $e^+e^-$ collider with the SND detector**

*Friday, 25 September 2015 14:00 (4 hours)*

**Presenter:** Mr BOTOV, Alexander (Budker Institute of Nuclear Physics)

**Session Classification:** Poster/Excursion

Contribution ID: **80**

Type: **not specified**

## **Search for the decays $\eta' \rightarrow e^+e^-$ and $\eta \rightarrow e^+e^-$ at the VEPP-2000 $e^+e^-$ collider**

*Friday, 25 September 2015 14:00 (4 hours)*

**Presenter:** KARDAPOLTSEV, Leonid (Budker Institute of Nuclear Physics)

**Session Classification:** Poster/Excursion



Contribution ID: **81**

Type: **not specified**

## **Study of interference effects in the decays of psi mesons into $K^+K^-$**

*Friday, 25 September 2015 14:00 (4 hours)*

**Presenter:** Dr LUSIANI, Alberto (Scuola Normale Superiore)

**Session Classification:** Poster/Excursion

Contribution ID: **82**

Type: **not specified**

## **Advertising of Chinese Physics C**

*Friday, 25 September 2015 14:00 (4 hours)*

**Presenter:** NICHOLSON, Caitriana (IHEP - Chinese Physics C)

**Session Classification:** Poster/Excursion

Contribution ID: **83**

Type: **not specified**

## **Closing remarks**

*Saturday, 26 September 2015 17:45 (15 minutes)*

**Presenter:** HUANG, Guangshun (USTC)

**Session Classification:** Machines and detectors