

**PHYSICS IN COLLISION 2013**

**Report of Contributions**

Contribution ID: 3

Type: **not specified**

## Top, W and Z

*Wednesday, September 4, 2013 9:10 AM (40 minutes)*

**Presenter:** YIN, Hang (FNAL)

**Session Classification:** EW

Contribution ID: 4

Type: **not specified**

## **t-tbar, single t and associate t production**

*Wednesday, September 4, 2013 9:50 AM (40 minutes)*

**Presenter:** SCHWIENHORST, Reinhard (Michigan State University)

**Session Classification:** EW

Contribution ID: 5

Type: **not specified**

## Measurements of t quark properties

*Wednesday, September 4, 2013 11:00 AM (40 minutes)*

**Presenter:** MARGAROLI, Fabrizio (Sapienza University of Rome)

**Session Classification:** EW

Contribution ID: 6

Type: **not specified**

## **Boson pair production**

*Wednesday, September 4, 2013 11:40 AM (40 minutes)*

**Presenter:** WANG, Jian (Universite Libre de Bruxelles)

**Session Classification:** EW

Contribution ID: 7

Type: **not specified**

## Forward physics and soft QCD results

*Wednesday, September 4, 2013 2:30 PM (45 minutes)*

**Presenter:** FANO', Livio (Univeristà degli Studi di Perugia and INFN)

**Session Classification:** QCD

Contribution ID: 8

Type: **not specified**

## Jet physics

*Wednesday, September 4, 2013 3:15 PM (45 minutes)*

**Presenter:** LIU, Yanwen (Univ. of Sci. and Tech. of China)

**Session Classification:** QCD

Contribution ID: 9

Type: **not specified**

## **Structure function measurements and precision tests of QCD**

*Wednesday, September 4, 2013 4:30 PM (45 minutes)*

**Presenter:** ABT, Iris (MPI)

**Session Classification:** QCD



Contribution ID: 10

Type: **not specified**

## **Applications of Higher Order QCD**

*Wednesday, September 4, 2013 5:15 PM (45 minutes)*

**Presenter:** Dr STEFAN, Hoeche (SLAC National Accelerator Laboratory)

**Session Classification:** QCD

Contribution ID: 11

Type: **not specified**

## **Spin structure functions**

**Presenter:** TBD

Contribution ID: 12

Type: **not specified**

## Recent results from Lattice QCD

*Wednesday, September 4, 2013 6:00 PM (45 minutes)*

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

**Session Classification:** QCD

Contribution ID: 13

Type: **not specified**

## **Reactor-based neutrino exps.**

*Thursday, September 5, 2013 8:30 AM (40 minutes)*

**Presenter:** Mr HAOQI, Lu (IHEP)

**Session Classification:** Neutrino physics

Contribution ID: 14

Type: **not specified**

## Appearance neutrino oscillation experiments

*Thursday, September 5, 2013 9:10 AM (40 minutes)*

**Presenter:** PAOLONE, Vittorio (University of Pittsburgh)

**Session Classification:** Neutrino physics

Contribution ID: 15

Type: **not specified**

## **Neutrino related parameters from cosmology experiments**

*Thursday, September 5, 2013 9:50 AM (30 minutes)*

**Presenter:** HOU, Zhen (University of California, Davis)

**Session Classification:** Neutrino physics

Contribution ID: 16

Type: **not specified**

## Neutrino astrophysics

*Thursday, September 5, 2013 10:50 AM (25 minutes)*

**Presenter:** KIRYLUK, Joanna (Stony Brook University)

**Session Classification:** Neutrino physics

Contribution ID: 17

Type: **not specified**

## Low energy neutrinos

*Thursday, September 5, 2013 11:15 AM (25 minutes)*

**Presenter:** RANUCCI, Gioacchino (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Neutrino physics



Contribution ID: **18**

Type: **not specified**

## **Double-beta decay**

*Thursday, September 5, 2013 11:40 AM (25 minutes)*

**Presenter:** GARFAGNINI, Alberto (Padova University and INFN-Padova (Italy))

**Session Classification:** Neutrino physics

Contribution ID: 19

Type: **not specified**

## **Bosonic Higgs decays**

*Thursday, September 5, 2013 1:30 PM (40 minutes)*

**Presenter:** BRANSON, James Gordon (UC San Diego)

**Session Classification:** Higgs searches

Contribution ID: 20

Type: **not specified**

## Fermionic Higgs decays

*Thursday, September 5, 2013 2:10 PM (40 minutes)*

**Presenter:** MADAR, Romain (Freiburg University)

**Session Classification:** Higgs searches

Contribution ID: 21

Type: **not specified**

## Searches for non-SM Higgs bosons

*Thursday, September 5, 2013 2:50 PM (40 minutes)*

**Presenter:** MANKEL, Rainer (DESY)

**Session Classification:** Higgs searches

Contribution ID: 22

Type: **not specified**

## Higgs quantum numbers couplings

*Thursday, September 5, 2013 4:00 PM (40 minutes)*

**Presenter:** PIANORI, Elisabetta (University of Warwick)

**Session Classification:** Higgs searches

Contribution ID: 24

Type: **not specified**

## **Summary of the prospects of Higgs boson scenario beyond the SM**

*Thursday, September 5, 2013 4:40 PM (40 minutes)*

**Presenter:** STAL, Oscar (Stockholm University)

**Session Classification:** Higgs searches

Contribution ID: 25

Type: **not specified**

## Poster presentations

Contribution ID: 26

Type: **not specified**

## **Hard probes from RHIC to LHC energies**

*Friday, September 6, 2013 8:30 AM (40 minutes)*

**Presenter:** MCCUMBER, Michael (Los Alamos National Laboratory)

**Session Classification:** Heavy ion physics



Contribution ID: 27

Type: **not specified**

## Collective effect

**Presenter:** HIPPOLYTE, Boris (Institut Pluridisciplinaire Hubert Curien)

Contribution ID: 28

Type: **not specified**

## **B and Bs decays**

*Friday, September 6, 2013 9:10 AM (30 minutes)*

**Presenter:** BOZZI, Concezio (INFN Sezione di Ferrara)

**Session Classification:** Heavy flavor I

Contribution ID: 29

Type: **not specified**

## **CPV and CKM angles in B+, B0, Bs**

*Friday, September 6, 2013 9:40 AM (30 minutes)*

**Presenter:** MONTEIL, Stephane (University Blaise-Pascal - in2p3)

**Session Classification:** Heavy flavor I

Contribution ID: **30**

Type: **not specified**

## **Bottom production, spectroscopy, lifetime**

*Friday, September 6, 2013 10:10 AM (30 minutes)*

**Presenters:** HE, Jibo (Tsinghua university); HE, Jibo (CERN)

**Session Classification:** Heavy flavor I

Contribution ID: 31

Type: **not specified**

## **D0 mixing, CPV and D decays**

*Saturday, September 7, 2013 8:30 AM (35 minutes)*

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

**Session Classification:** Heavy flavor II

Contribution ID: 32

Type: **not specified**

## **Charmonium and light hadron spectroscopy**

*Saturday, September 7, 2013 9:05 AM (35 minutes)*

**Presenter:** SHEN, Chengping (Beihang University)

**Session Classification:** Heavy flavor II

Contribution ID: 33

Type: **not specified**

## Exotic hadrons and Quarkonium

*Saturday, September 7, 2013 9:40 AM (40 minutes)*

**Presenter:** CHOI, Sookyung (Gyeongsang National University)

**Session Classification:** Heavy flavor II

Contribution ID: **34**

Type: **not specified**

## **CKM summary**

**Presenter:** TBD



Contribution ID: 35

Type: **not specified**

## **LFV (including tau LFV from B-factories and LHC**

*Saturday, September 7, 2013 10:50 AM (30 minutes)*

**Presenter:** MORI, Toshinori (The University of Tokyo)

**Session Classification:** Heavy flavor II

Contribution ID: 36

Type: **not specified**

## **Kaon physics**

*Saturday, September 7, 2013 11:20 AM (30 minutes)*

**Presenter:** NOMURA, Tadashi (KEK)

**Session Classification:** Heavy flavor II

Contribution ID: 37

Type: **not specified**

## Supersymmetry searches

*Saturday, September 7, 2013 1:30 PM (40 minutes)*

**Presenter:** PIERINI, Maurizio (CERN)

**Session Classification:** Searches, Dark Matter, Exotic phenomena

Contribution ID: **38**

Type: **not specified**

## **The 3rd generation superpartners**

*Saturday, September 7, 2013 2:10 PM (25 minutes)*

**Presenter:** POVEDA, Joaquin (Indiana University)

**Session Classification:** Searches, Dark Matter, Exotic phenomena

Contribution ID: 39

Type: **not specified**

## Searches for exotic phenomena

*Saturday, September 7, 2013 2:35 PM (25 minutes)*

**Presenter:** BLACK, Kevin (Boston University)

**Session Classification:** Searches, Dark Matter, Exotic phenomena

Contribution ID: 40

Type: **not specified**

## Dark Matter Searches

**Presenter:** TBD

Contribution ID: 41

Type: **not specified**

## Particle Astrophysics

**Presenter:** TBD

Contribution ID: 42

Type: **not specified**

## **Summary/"inspirational" talk**

**Presenter:** TBD



Contribution ID: 43

Type: **not specified**

## Next PIC

Contribution ID: 46

Type: **not specified**

## Next PIC

*Saturday, September 7, 2013 3:00 PM (10 minutes)*

**Session Classification:** Searches, Dark Matter, Exotic phenomena

Contribution ID: 47

Type: **not specified**

## **Performance and operation experience of the Atlas Semiconductor Tracker**

*Thursday, September 5, 2013 5:20 PM (7 minutes)*

**Presenter:** LIANG, Zhijun (University of Oxford)

**Session Classification:** Posters

Contribution ID: 48

Type: **not specified**

## **The ATLAS Tile Calorimeter Performance at LHC**

*Thursday, September 5, 2013 5:27 PM (7 minutes)*

**Presenter:** MOLANDER, Simon (Stockholm University)

**Session Classification:** Posters

Contribution ID: 49

Type: **not specified**

## The CMS High Level Trigger

*Thursday, September 5, 2013 5:34 PM (7 minutes)*

**Presenter:** GORI, Valentina (INFN Firenze)

**Session Classification:** Posters

Contribution ID: 50

Type: **not specified**

## **MRPC detector for the upgrade of BESIII E-TOF**

*Thursday, September 5, 2013 5:41 PM (7 minutes)*

**Presenter:** Mr YANG, Rongxing (USTC)

**Session Classification:** Posters

Contribution ID: 51

Type: **not specified**

## **The recent status and prospect of CDEX experiment and China Jinping underground laboratory**

*Thursday, September 5, 2013 5:48 PM (7 minutes)*

**Presenter:** YUE, Qian (Tsinghua Univ.)

**Session Classification:** Posters

Contribution ID: 52

Type: **not specified**

## The Double Chooz Experiment

*Thursday, September 5, 2013 5:55 PM (7 minutes)*

**Presenter:** YANG, Guang (Argonne National lab / Illinois Institute of Technology)

**Session Classification:** Posters



Contribution ID: 53

Type: **not specified**

## **Overview of the Jiangmen Underground Neutrino Observatory (JUNO)**

*Thursday, September 5, 2013 6:02 PM (7 minutes)*

**Presenter:** LI, Yufeng (IHEP)

**Session Classification:** Posters

Contribution ID: 54

Type: **not specified**

# Highest energy astroparticle physics with the Pierre Auger Observatory

*Thursday, September 5, 2013 6:09 PM (7 minutes)*

**Presenter:** MARIAZZI, Analisa Gabriela (Instituto de Fisica La Plata)

**Session Classification:** Posters

Contribution ID: 55

Type: **not specified**

## **Search for Muon to Electron Conversion at J-PARC - COMET Experiment**

*Friday, September 6, 2013 11:00 AM (7 minutes)*

**Presenter:** YUAN, Ye (IHEP)

**Session Classification:** Poster II

Contribution ID: 56

Type: **not specified**

## **Search for the Higgs Boson decaying into tau pairs**

*Friday, September 6, 2013 11:07 AM (7 minutes)*

**Presenter:** SALFELD-NEBGEN, Jakob (DESY)

**Session Classification:** Poster II

Contribution ID: 57

Type: **not specified**

## **Test of QCD at large $Q^2$ with exclusive hadronic processes**

*Friday, September 6, 2013 11:14 AM (7 minutes)*

**Presenter:** SHEN, Chengping (Beihang University)

**Session Classification:** Poster II

Contribution ID: 58

Type: **not specified**

## **Strong phase in $D^0 \rightarrow K\pi$ decay at BESIII**

*Friday, September 6, 2013 11:21 AM (7 minutes)*

**Presenter:** ZHOU, Xiaokang (University of Chinese Academy of Sciences)

**Session Classification:** Poster II

Contribution ID: 59

Type: **not specified**

## Closing

*Saturday, September 7, 2013 3:10 PM (5 minutes)*

**Session Classification:** Searches, Dark Matter, Exotic phenomena

Contribution ID: **60**

Type: **not specified**

## **poster-from Dengjie LI**

**Presenters:** Mr LI, Dengjie (IHEP); Ms WEN, Shuopin (IHEP)



Contribution ID: **61**

Type: **not specified**

## **Partial wave analysis at BESIII**

Contribution ID: 62

Type: **not specified**

## **Kaons at CERN: recent results and prospects**

Contribution ID: 63

Type: **not specified**

## Observation of X(3872) at BESIII

Contribution ID: 64

Type: **not specified**

## **A new inner drift chamber for BESIII**

Contribution ID: 65

Type: **not specified**

## **Observation of the X(1840) at BESIII**

Contribution ID: 66

Type: **not specified**

## **Energy Non-Linearity Model of the Daya Bay Antineutrino Detector**

Contribution ID: 67

Type: **not specified**

## **Backgrounds in the Measurement of $\theta_{13}$ with Hydrogen Neutron Capture at Daya Bay**