

# **2014 Saga-Yonsei Workshop on High-Energy Physics**



## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Opening

*Monday, 13 January 2014 13:55 (5 minutes)*

**Presenter:** Prof. LEE, Su Houng (Yonsei Univ.)

Contribution ID: 1

Type: **not specified**

## Neutron Stars

*Monday, 13 January 2014 14:00 (1h 30m)*

**Presenter:** Prof. TACHIBANA, Motoi (Saga Univ.)

Contribution ID: 2

Type: **not specified**

## QCD effective potential in strong B fields

*Monday, 13 January 2014 16:00 (50 minutes)*

**Presenter:** Dr OZAKI, Sho (Yonsei Univ.)

Contribution ID: 3

Type: **not specified**

## Effects of strong B fields in heavy-ion collisions

*Monday, 13 January 2014 16:50 (50 minutes)*

**Presenter:** Dr HATTORI, Koichi (Yonsei Univ.)

Contribution ID: 4

Type: **not specified**

## Physics & Status of Belle-II

*Tuesday, 14 January 2014 10:00 (1h 30m)*

**Presenter:** Prof. KIM, Doris Y. (Soongsil Univ.)

Contribution ID: 5

Type: **not specified**

## **Indirect search for WIMP by looking at the Sun with neutrino detector**

*Tuesday, 14 January 2014 11:30 (50 minutes)*

**Presenter:** Ms CHOI, Koun (Nagoya Univ.)

Contribution ID: 6

Type: **not specified**

## Introduction to & current issues of string theory

*Tuesday, 14 January 2014 14:00 (1h 10m)*

**Presenter:** Prof. SHIN, Hyeonjoon (KIAS)



Contribution ID: 7

Type: **not specified**

## Statistical methods for HEP analyses

*Tuesday, 14 January 2014 15:10 (1h 10m)*

**Presenter:** Prof. KWON, Youngjoon (Yonsei Univ.)

Contribution ID: 8

Type: **not specified**

## Exotic hadrons

*Wednesday, 15 January 2014 10:00 (1h 30m)*

**Presenter:** Prof. OLSEN, Stephen (Seoul National Univ.)

Contribution ID: 9

Type: **not specified**

## Search for $T_{cc}$ at Belle

*Wednesday, 15 January 2014 11:30 (50 minutes)*

**Presenter:** Ms SEON, Oksu (Nagoya Univ.)

Contribution ID: **10**

Type: **not specified**

## **Parton distribution functions and gluon saturation in heavy-ion collisions**

*Thursday, 16 January 2014 10:00 (1h 30m)*

**Presenter:** Prof. KANG, Ju Hwan (Yonsei Univ.)

Contribution ID: **11**

Type: **not specified**

# Physics of LHC

*Thursday, 16 January 2014 14:00 (1h 30m)*

**Presenter:** Prof. PARK, Seongchan (Sungkyunkwan Univ.)

Contribution ID: **12**

Type: **not specified**

## The ILC project

*Thursday, 16 January 2014 15:50 (1h 20m)*

**Presenter:** Prof. SUGIYAMA, Akira (Saga Univ.)

Contribution ID: 13

Type: **not specified**

## Implications of indefinite CP Higgs in $e^{\{+\}} e^{\{-\}} \rightarrow t \bar{t} \Phi$

*Thursday, 16 January 2014 17:10 (50 minutes)*

**Presenter:** Dr GARG, Sumit (Yonsei Univ.)

Contribution ID: 14

Type: **not specified**

## Kaon Rare Decay Experiments

*Friday, 17 January 2014 10:00 (1h 30m)*

**Presenter:** Prof. SUZUKI, Shiro (Saga Univ.)



Contribution ID: 15

Type: **not specified**

## Closing

*Friday, 17 January 2014 12:55 (5 minutes)*

**Presenter:** Prof. SUZUKI, Shiro (Saga Univ.)

Contribution ID: **16**

Type: **not specified**

## **student seminar 1-1: Dark matter capture in neutron stars**

*Tuesday, 14 January 2014 16:40 (25 minutes)*

**Primary author:** Mr MORIYAMA, Keita (Saga Univ.)

**Presenter:** Mr MORIYAMA, Keita (Saga Univ.)

**Session Classification:** Student seminars I

Contribution ID: 17

Type: **not specified**

## **student seminar 1-2: Indirect detection of dark matter**

*Tuesday, 14 January 2014 17:05 (25 minutes)*

**Presenter:** Mr OKAMURA, Hiromitsu (Saga Univ.)

**Session Classification:** Student seminars I

Contribution ID: **18**

Type: **not specified**

## **student seminar 1-3: Intro. to full-recon. analyses at Belle**

*Tuesday, 14 January 2014 17:30 (10 minutes)*

**Presenter:** Mr YOOK, Youngmin (Yonsei Univ.)

**Session Classification:** Student seminars I

Contribution ID: **19**

Type: **not specified**

## **student seminar 1-4: Search for B+ $\rightarrow$ l+ X using full-recon at Belle**

*Tuesday, 14 January 2014 17:40 (20 minutes)*

**Presenter:** Mr PARK, Chanseok (Yonsei Univ.)

**Session Classification:** Student seminars I

Contribution ID: 20

Type: **not specified**

**student seminar 2-1: The measurement of muons  
from open heavy-flavor decay in d+Au collisions at  
 $\sqrt{s_{NN}}=200$  GeV**

*Thursday, 16 January 2014 11:30 (25 minutes)*

**Presenter:** Mr LIM, Sanghoon (Yonsei Univ.)

**Session Classification:** Student seminars II

Contribution ID: 21

Type: **not specified**

## **student seminar 2-2: Diffractive physics at ALICE/LHC**

*Thursday, 16 January 2014 11:55 (25 minutes)*

**Presenter:** Mr KIM, Beomkyu (Yonsei Univ.)

**Session Classification:** Student seminars II

Contribution ID: 22

Type: **not specified**

## **student seminar 3-1: Nuclear Symmetry Energy from QCD Sum Rule**

*Friday, 17 January 2014 11:30 (25 minutes)*

**Presenter:** Mr JEONG, Kie Sang (Yonsei Univ.)

**Session Classification:** Student seminars III



Contribution ID: 23

Type: **not specified**

## **student seminar 3-2: Development of QPIX**

*Friday, 17 January 2014 11:55 (20 minutes)*

**Presenter:** Mr MIYASHITA, Ryo (Saga Univ.)

**Session Classification:** Student seminars III

Contribution ID: **24**

Type: **not specified**

## **student seminar 3-3**

**Presenter:** Ms NOZOE, Mai (Saga Univ.)

Contribution ID: 25

Type: **not specified**

## **student seminar 1-5: Inclusive B -> Xs gamma using full-recon at Belle**

*Tuesday, 14 January 2014 18:00 (20 minutes)*

**Presenter:** Mr KIM, Hanjin (Yonsei Univ.)

**Session Classification:** Student seminars I

Contribution ID: 26

Type: **not specified**

## **student seminar 3-3: Test of GEM produced by Fujikawa company**

*Friday, 17 January 2014 12:15 (20 minutes)*

**Presenter:** Mr SUETA, Kazuki (Saga Univ.)

**Session Classification:** Student seminars III

Contribution ID: 27

Type: **not specified**

## **student seminar 3-4: Search for $B \rightarrow e \tau$ , $\mu \tau$ at Belle**

*Friday, 17 January 2014 12:35 (20 minutes)*

**Presenter:** Ms SOHN, Youngsoo (Yonsei Univ.)

**Session Classification:** Student seminars III

Contribution ID: **28**

Type: **not specified**

## **announcement**

*Thursday, 16 January 2014 18:00 (1 minute)*