

International Symposium on Higgs Physics

Report of Contributions

Contribution ID: 2

Type: **not specified**

Welcome

Monday, 12 August 2013 09:00 (15 minutes)

Presenter: Prof. WANG, Yifang (IHEP)

Session Classification: Monday morning

Contribution ID: 3

Type: **not specified**

LHC status

Monday, 12 August 2013 10:45 (50 minutes)

Presenter: FRANK, Zimmermann (CERN)

Session Classification: Monday morning

Contribution ID: 4

Type: **not specified**

review of ATLAS summary result on Higgs

Monday, 12 August 2013 11:35 (50 minutes)

Presenter: ZHOU, BING (U.of Michigan)

Session Classification: Monday morning

Contribution ID: 5

Type: **not specified**

CMS summary result review

Tuesday, 13 August 2013 16:30 (50 minutes)

Presenter: LANDSBERG, Greg (Brown University)

Session Classification: Tuesday afternoon

Contribution ID: 7

Type: **not specified**

Tevatron Higgs Search (Overview)

Monday, 12 August 2013 14:00 (50 minutes)

Presenter: Dr YAO, Weiming (LBNL)

Session Classification: Monday afternoon

Contribution ID: 8

Type: **not specified**

ATLAS Higgs decaying to Fermions

Monday, 12 August 2013 16:00 (40 minutes)

Presenter: Prof. MA, Lianliang (Shandong University)

Session Classification: Monday afternoon

Contribution ID: 9

Type: **not specified**

CMS Higgs decaying to Fermions

Monday, 12 August 2013 14:50 (40 minutes)

Presenter: Mr CHEN, Mingshui (IHEP-CMS)

Session Classification: Monday afternoon

Contribution ID: **10**

Type: **not specified**

Scope for New physics in the Higgs data

Monday, 12 August 2013 16:40 (40 minutes)

Presenter: Prof. MUKHOPADHYAYA, Biswarup (Harish-Chandra Research Institute, Allahabad, India)

Session Classification: Monday afternoon

Contribution ID: 11

Type: **not specified**

CMS Higgs decaying to Bosons

Tuesday, 13 August 2013 09:00 (40 minutes)

Presenter: PIERI, Marco (UC San Diego)

Session Classification: Tuesday Morning

Contribution ID: 12

Type: **not specified**

ATLAS Higgs decaying to Bosons

Tuesday, 13 August 2013 09:40 (40 minutes)

Presenter: Dr SCHOUTEN, Doug (TRIUMF)

Session Classification: Tuesday Morning

Contribution ID: 13

Type: **not specified**

BSM Higgs

Tuesday, 13 August 2013 10:50 (40 minutes)

Presenter: Prof. SU, Shufang (University of Arizona)

Session Classification: Tuesday Morning

Contribution ID: 14

Type: **not specified**

ATLAS BSM Higgs

Tuesday, 13 August 2013 14:00 (40 minutes)

Presenter: Dr VICKEY, Trevor (Univ. of the Witwatersrand)

Session Classification: Tuesday afternoon

Contribution ID: 15

Type: **not specified**

Higgs decay to ZZ with CMSdetector

Presenter: Dr PLESTINA, Roko (IHEP/CAS, Beijing)

Contribution ID: 16

Type: **not specified**

Higgs to ZZ (4 letp) with ATLAS detector

Presenter: Mr JU, Xiangyang (University of Wisconsin-Madison)

Contribution ID: 17

Type: **not specified**

Results on H->gamma gamma fiducial cross-section with ATLAS detector

Presenter: Prof. HUANG, yanping (ihep)

Contribution ID: **18**

Type: **not specified**

VBF H->gamma gamma

Presenter: Mr WANG, Jing (IHEP)

Contribution ID: 19

Type: **not specified**

CMS results on $H \rightarrow WW \rightarrow l\nu jj$ and $l\nu \text{ fat } j$

Presenter: Mr XU, Zijun (Peking Univ.)

Contribution ID: 20

Type: **not specified**

Search for the Standard Model Higgs boson in the H- \rightarrow Zgamma decay mode with ATLAS detector

Presenter: Mr LIU, Kun (USTC and LPNHE)

Contribution ID: 21

Type: **not specified**

Phenomenology of top-squark in natural SUSY in light of the LHC Higgs data

Presenter: HAN, Chengcheng (ITP)

Contribution ID: 22

Type: **not specified**

Higgs Pheno within The Extended Electroweak Gauge Symmetries

Presenter: CHEN, NING (Tsinghua Univ.)

Contribution ID: 23

Type: **not specified**

ATLAS BSM Higgs

Presenter: Dr VICKEY, Trevor (Univ. of the Witwatersrand)

Contribution ID: 24

Type: **not specified**

CMS BSM/SUSY Higgs

Presenter: Dr WALSH BASTOS RANGEL, Roberval (DESY)

Contribution ID: 25

Type: **not specified**

Residual SUSY Effects in Higgs Factory

Presenter: Prof. YANG, Jinmin (The Institution of Theoretical)

Contribution ID: 26

Type: **not specified**

Exotic Decay of Higgs Boson

Presenter: Prof. LIU, Tao (The Hong Kong University of Science and Technology)

Contribution ID: 27

Type: **not specified**

Quantum numbers of the observed resonance

Thursday, 15 August 2013 14:00 (40 minutes)

Presenter: LOW, Ian (Argonne National Laboratory/Northwestern University)

Session Classification: Thursday afternoon

Contribution ID: **28**

Type: **not specified**

CMS new physics search

Thursday, 15 August 2013 14:40 (40 minutes)

Presenter: Prof. CHOU, John Paul (Rutgers University)

Session Classification: Thursday afternoon

Contribution ID: 29

Type: **not specified**

ATLASnew physics search

Thursday, 15 August 2013 15:20 (40 minutes)

Presenter: REDLINGER, George (Brookhaven National Laboratory)

Session Classification: Thursday afternoon

Contribution ID: 30

Type: **not specified**

Motivation for a Higgs Factory

Presenters: Prof. HAN, Tao (University of Wisconsin); Prof. HAN, Tao (Univ. of Pittsburgh & TsingHua University)

Contribution ID: 31

Type: **not specified**

Prospects of Higgs property measurements

Presenter: QIAN, Jianming (University of Michigan)

Contribution ID: 32

Type: **not specified**

Lessons from Snowmass studies: BSM

Thursday, 15 August 2013 17:00 (40 minutes)

Presenter: WANG, Liantao (University of Chicago)

Session Classification: Friday afternoon Beyond the Discovery: Higgs Factories and others

Contribution ID: 33

Type: **not specified**

European Strategy

Presenter: Dr JENNI, Peter (Freiburg)

Contribution ID: 34

Type: **not specified**

Higgs physics at ILC

Friday, 16 August 2013 11:10 (40 minutes)

Presenter: Dr TANABE, Tomohiko (ICEPP, the University of Tokyo)

Session Classification: Friday morning: Beyond the Discovery: Higgs Factories and others

Contribution ID: 35

Type: **not specified**

Higgs Phycis at the Muon Collider

Presenter: LIU, Zhen (University of Pittsburgh)

Contribution ID: 36

Type: **not specified**

Circular colliders (TLEP)

Presenter: Dr KORATZINOS, Michael (University of Geneva)

Contribution ID: 37

Type: **not specified**

Chinese Higgs Factory

Presenter: Dr QIN, Qing (Institute of High Energy Physics)

Contribution ID: **38**

Type: **not specified**

Physics at LHeC

Presenter: Prof. MELLADO, Bruce (University of the Witwatersrand)

Contribution ID: 39

Type: **not specified**

Discussion on the future facilities for Higgs physics

Friday, 16 August 2013 16:30 (40 minutes)

Presenter: Prof. HAN, Tao (Univ. of Pittsburgh & TsingHua University)

Session Classification: Friday afternoon Beyond the Discovery: Higgs Factories and others

Contribution ID: 40

Type: **not specified**

discussion

Contribution ID: 41

Type: **not specified**

Higgs search History

Monday, 12 August 2013 09:15 (1 hour)

Presenter: Prof. WU, Sau Lan (University of Wisconsin-Madison)

Session Classification: Monday morning

Contribution ID: 42

Type: **not specified**

Exotic Decay of Higgs Boson

Tuesday, 13 August 2013 11:30 (40 minutes)

Presenter: Prof. LIU, Tao (The Hong Kong University of Science and Technology)

Session Classification: Tuesday Morning

Contribution ID: 43

Type: **not specified**

CMS BSM/SUSY Higgs

Tuesday, 13 August 2013 14:40 (40 minutes)

Presenter: Dr WALSH BASTOS RANGEL, Roberval (DESY)

Session Classification: Tuesday afternoon

Contribution ID: 44

Type: **not specified**

Residual SUSY Effects in Higgs Factory

Tuesday, 13 August 2013 15:50 (40 minutes)

Presenter: Prof. YANG, Jinmin (The Institution of Theoretical)

Session Classification: Tuesday afternoon

Contribution ID: 45

Type: **not specified**

Higgs decay to $b\bar{b}$ with ATLAS detector

Thursday, 15 August 2013 09:00 (20 minutes)

Presenter: Dr ZHANG, Lei (Institute of Physics, Academia Sinica)

Session Classification: Thursday morning

Contribution ID: 46

Type: **not specified**

Higgs decay to ZZ with CMS detector

Thursday, 15 August 2013 09:20 (20 minutes)

Presenter: Dr PLESTINA, Roko (IHEP/CAS, Beijing)

Session Classification: Thursday morning

Contribution ID: 47

Type: **not specified**

Higgs to ZZ (4 letp) with ATLAS

Thursday, 15 August 2013 09:40 (20 minutes)

Presenter: Mr JU, Xiangyang (University of Wisconsin-Madison)

Session Classification: Thursday morning

Contribution ID: 48

Type: **not specified**

Results on H->gamma gamma fiducial cross-section with ATLAS detector

Thursday, 15 August 2013 10:00 (20 minutes)

Presenter: Prof. HUANG, yanping (U. of Witwatersrand)

Session Classification: Thursday morning

Contribution ID: 49

Type: **not specified**

VBF H->gamma gamma

Thursday, 15 August 2013 10:20 (20 minutes)

Presenter: Dr WANG, Jin (IHEP)

Session Classification: Thursday morning

Contribution ID: 50

Type: **not specified**

CMS results on $H \rightarrow WW \rightarrow l\nu jj$ and lv fat j

Thursday, 15 August 2013 11:00 (20 minutes)

Presenter: Mr XU, Zijun (Peking Univ.)

Session Classification: Thursday morning

Contribution ID: 51

Type: **not specified**

Search for the Standard Model Higgs boson in the H \rightarrow Z γ decay mode with ATLAS detector

Thursday, 15 August 2013 11:20 (20 minutes)

Presenter: Mr LIU, Kun (USTC and LPNHE)

Session Classification: Thursday morning

Contribution ID: 52

Type: **not specified**

Phenomenology of top-squark in natural SUSY in light of the LHC Higgs data

Thursday, 15 August 2013 11:40 (20 minutes)

Presenter: HAN, Chengcheng (ITP)

Session Classification: Thursday morning

Contribution ID: 53

Type: **not specified**

Higgs Pheno within The Extended Electroweak Gauge Symmetries

Thursday, 15 August 2013 12:00 (20 minutes)

Presenter: CHEN, Ning (Tsinghua U)

Session Classification: Thursday morning

Contribution ID: 54

Type: **not specified**

Snowmass studies: Prospects of Higgs Property Measurements

Thursday, 15 August 2013 16:20 (40 minutes)

Presenter: QIAN, Jianming (University of Michigan)

Session Classification: Friday afternoon Beyond the Discovery: Higgs Factories and others

Contribution ID: 55

Type: **not specified**

'The Future of the High Energy Frontier (European Strategy of Particle Physics)

Friday, 16 August 2013 09:00 (1 hour)

Presenter: Dr JENNI, Peter (Freiburg)

Session Classification: Friday morning: Beyond the Discovery: Higgs Factories and others

Contribution ID: 56

Type: **not specified**

Forward looking

Friday, 16 August 2013 10:00 (40 minutes)

Presenter: ARKANI-HAMED, Nima

Session Classification: Friday morning: Beyond the Discovery: Higgs Factories and others

Contribution ID: 57

Type: **not specified**

Higgs Physics at LHeC

Friday, 16 August 2013 11:50 (40 minutes)

Presenter: Prof. MELLADO, Bruce (University of the Witwatersrand)

Session Classification: Friday morning: Beyond the Discovery: Higgs Factories and others

Contribution ID: 58

Type: **not specified**

Higgs Physics at the Muon Collider

Friday, 16 August 2013 14:00 (40 minutes)

Presenter: LIU, Zhen (University of Pittsburgh)

Session Classification: Friday afternoon :Beyond the Discovery: Higgs Factories and others

Contribution ID: 59

Type: **not specified**

Circular Higgs factory

Friday, 16 August 2013 14:40 (40 minutes)

Presenter: Dr KORATZINOS, Michael (University of Geneva)

Session Classification: Friday afternoon :Beyond the Discovery: Higgs Factories and others

Contribution ID: **60**

Type: **not specified**

Circular Higgs Factory (CEPC)

Friday, 16 August 2013 15:50 (40 minutes)

Presenter: Dr QIN, Qing (Institute of High Energy Physics)

Session Classification: Friday afternoon Beyond the Discovery: Higgs Factories and others

Contribution ID: **61**

Type: **not specified**

discussion on future facilities on Higgs physics