

第十届 (2015)TeV 物理工作组学 术研讨会

2015 年 8 月 8 日星期六 - 2015 年 8 月 9 日星期日

Beijing

摘要集

Contents

Openning	1
The Progress of Chinese ATLAS Group	1
The Progress of Chinese CMS Group	1
The Progress of Chinese LHCb Group	1
Top Quark As Partons	1
Heavy quarkonium production from top quark decay at the LHC	1
Determing Vtb at e+ e- collider	1
Supersymmetry explanation of the Fermi Galactic Center excess and its test at LHC run II	2
Heavy colored SUSY partners from deflected anomaly	2
Searching for Top Squarks in the Compressed Scenario	2
Split Supersymmetry Under GUT and Current Dark Matter Constraints	2
Approach to High Precision Higgs Production	2
extra Higgs bosons in the alignment	2
The Higgs boson profile	3
Disentangling the new physics via the correlation of the single Higgs and double Higgs productions	3
The simple non-Abelian extensions and Diboson excesses at the LHC	3
Di-boson Resonance Searches at CMS	3
Low Scale Composite Higgs and 2 TeV Di-boson Excess	3
Precision calculations of semileptonic B decays	3
Dark matter signals at future high energy colliders	3
Search for dark matter at colliders	4
Possible large CP violation in three body decays of heavy baryonl	4

LHC phenomenology of the type II seesaw: Observability of neutral scalars in the nondegenerate case	4
---	---

11

Openning

相应作者: wangq@mail.tsinghua.edu.cn

12

The Progress of Chinese ATLAS Group

相应作者: jins@ihep.ac.cn

13

The Progress of Chinese CMS Group

相应作者: maoyj@pku.edu.cn

14

The Progress of Chinese LHCb Group

15

Top Quark As Partons

相应作者: than@pitt.edu

16

Heavy quarkonium production from top quark decay at the LHC

相应作者: gang.li@uah.edu

17

Determining Vtb at e+ e- collider

相应作者: binyan@pku.edu.cn

18

Supersymmetry explanation of the Fermi Galactic Center excess and its test at LHC run II

相应作者: jmyang@itp.ac.cn

19

Heavy colored SUSY partners from deflected anomaly

20

Searching for Top Squarks in the Compressed Scenario

相应作者: kechen@ihep.ac.cn

21

Split Supersymmetry Under GUT and Current Dark Matter Constraints

相应作者: wywang@mail.itp.ac.cn

22

Approach to High Precision Higgs Production

23

extra Higgs bosons in the alignment

相应作者: yunjiang@ucdavis.edu

24

The Higgs boson profile

相应作者: chenms@ihep.ac.cn

25

Disentangling the new physics via the correlation of the single Higgs and double Higgs productions

26

The simple non-Abelian extensions and Diboson excesses at the LHC

相应作者: qinghongcao@pku.edu.cn

27

Di-boson Resonance Searches at CMS

28

Low Scale Composite Higgs and 2 TeV Di-boson Excess

相应作者: jshu@itp.ac.cn

29

Precision calculations of semileptonic B decays

相应作者: yuming.wang@tum.de

31

Dark matter signals at future high energy colliders

32

Search for dark matter at colliders

33

Possible large CP violation in three body decays of heavy baryons

34

LHC phenomenology of the type II seesaw: Observability of neutral scalars in the nondegenerate case