

Blois2015: 27th Rencontres de Blois on "Particle Physics and Cosmology"

Report of Contributions

Contribution ID: 0

Type: **not specified**

A compelling case for Dark Matter in the Gamma-Ray Sky

Wednesday 3 June 2015 14:00 (20 minutes)

Presenter: LINDEN, Tim (U)

Session Classification: Astro + Cosmo I-II

Contribution ID: 1

Type: **not specified**

The LSST: General Presentation and New Method for Redshift Reconstruction

Wednesday 3 June 2015 14:40 (20 minutes)

Presenter: CHOYER, Adeline

Session Classification: Astro + Cosmo I-II

Contribution ID: 2

Type: **not specified**

Cosmology in the era of BOSS

Wednesday 3 June 2015 15:00 (20 minutes)

Presenter: BUSCA, Nicolas (Laboratoire Astroparticules et Cosmologie)

Session Classification: Astro + Cosmo I-II

Contribution ID: 3

Type: **not specified**

Early Science Results from the Dark Energy Survey

Wednesday 3 June 2015 15:20 (20 minutes)

Presenter: ROMER, Kathy (University of Sussex)

Session Classification: Astro + Cosmo I-II

Contribution ID: 4

Type: **not specified**

Updates from the BICEP/KECK Array

Wednesday 3 June 2015 15:40 (20 minutes)

Presenter: AHMED, Zeesh

Session Classification: Astro + Cosmo I-II

Contribution ID: 5

Type: **not specified**

Recent highlights from the Fermi-LAT

Wednesday 3 June 2015 16:50 (20 minutes)

Presenter: LOTT, Benoit (Centre d'Etudes Nucleaires de Bordeaux Gradignan (CENBG))

Session Classification: Astro + Cosmo I-II

Contribution ID: 6

Type: **not specified**

Accidental matter at the LHC

Tuesday 2 June 2015 16:00 (20 minutes)

Presenter: DI LUZIO, Luca

Session Classification: BSM + DM

Contribution ID: 7

Type: **not specified**

New Physics for EW baryogenesis

Tuesday 2 June 2015 16:20 (20 minutes)

Presenter: NO, Jose Miguel (University of Sussex)

Session Classification: BSM + DM

Contribution ID: 8

Type: **not specified**

Interference effects in BSM processes

Tuesday 2 June 2015 16:40 (20 minutes)

Presenter: FUCHS, Elina (Deutsches Elektronen-Synchrotron (DE))

Session Classification: BSM + DM

Contribution ID: 9

Type: **not specified**

Constraints on supersymmetry after Run 1 ATLAS searches

Tuesday 2 June 2015 17:00 (20 minutes)

Presenter: TAFFARD, Anyes (University of California Irvine (US))

Session Classification: BSM + DM

Contribution ID: **10**

Type: **not specified**

Light stop decays

Tuesday 2 June 2015 17:20 (20 minutes)

Presenter: GROEBER, Ramona (INFN)

Session Classification: BSM + DM

Contribution ID: 11

Type: **not specified**

Results on searches using jet(s) + ETmiss signatures (incl. monojets and inclusive SUSY with jet/ETmiss signatures)

Tuesday 2 June 2015 17:40 (20 minutes)

Presenter: SRIMANOBHAS, Phat (Chulalongkorn University (TH))

Session Classification: BSM + DM

Contribution ID: 12

Type: **not specified**

Weakly interacting and third generation SUSY searches at the LHC

Tuesday 2 June 2015 18:00 (20 minutes)

Presenter: AUBIN, Alexandre (Institut Pluridisciplinaire Hubert Curien (FR))

Session Classification: BSM + DM

Contribution ID: 13

Type: **not specified**

Searches for RPV SUSY and long lived particles at the LHC

Tuesday 2 June 2015 18:20 (20 minutes)

Presenter: LIU, Minghui (Univ. of Science & Tech. of China (CN))

Session Classification: BSM + DM

Contribution ID: 14

Type: **not specified**

Charmed hadron physics at BESIII

Wednesday 3 June 2015 16:50 (20 minutes)

Presenter: HUANG, Yong (Nanjing, China)

Session Classification: QCD + Heavy Flavour

Contribution ID: 15

Type: **not specified**

Exotics and charmonia at BESIII

Wednesday 3 June 2015 17:10 (20 minutes)

Presenter: WANG, Zhihong (Hefei, China)

Session Classification: QCD + Heavy Flavour

Contribution ID: 16

Type: **not specified**

Heavy quark spectroscopy at LHCb

Wednesday 3 June 2015 17:30 (20 minutes)

Presenter: LI, Yiming (Orsay-LAL)

Session Classification: QCD + Heavy Flavour

Contribution ID: **18**

Type: **not specified**

Recent results and prospects on kaon physics from CERN

Wednesday 3 June 2015 17:50 (20 minutes)

Presenter: PETROV, Plamen (Louvain)

Session Classification: QCD + Heavy Flavour

Contribution ID: **19**

Type: **not specified**

Results of HI physics from Atlas and CMS

Wednesday 3 June 2015 18:10 (20 minutes)

Presenter: CHAPON, Emilien (Palaiseau)

Session Classification: QCD + Heavy Flavour

Contribution ID: **20**

Type: **not specified**

Di-boson production at the LHC and gauge couplings

Wednesday 3 June 2015 14:00 (20 minutes)

Presenter: OH, Alexander (University of Manchester (GB))

Session Classification: EW + Top + Higgs

Contribution ID: 26

Type: **not specified**

Searching for neutrinoless double beta decay of ^{130}Te with CUORE-0 and CUORE

Tuesday 2 June 2015 18:00 (20 minutes)

Presenter: TOMEL, Claudia (INFN Roma)

Session Classification: Neutrinos

Contribution ID: 27

Type: **not specified**

The NOvA experiment: status and future

Tuesday 2 June 2015 16:20 (20 minutes)

Presenter: ZAMORANO, Bruno (University of Sussex)

Session Classification: Neutrinos

Contribution ID: 28

Type: **not specified**

Latest results from the Double Chooz experiment

Tuesday 2 June 2015 16:40 (20 minutes)

Presenter: COLLIN, Antoine (MPI Heidelberg)

Session Classification: Neutrinos

Contribution ID: 29

Type: **not specified**

Results from the Daya Bay experiment

Tuesday 2 June 2015 17:00 (20 minutes)

Presenter: ROSKOVEC, Bedrich (Charles University, Prague)

Session Classification: Neutrinos

Contribution ID: 30

Type: **not specified**

KM3NeT/ORCA: Measuring neutrino oscillations and the mass hierarchy in the Mediterranean

Tuesday 2 June 2015 17:20 (20 minutes)

Presenter: JONGEN, Martijn (NIKHEF)

Session Classification: Neutrinos

Contribution ID: 31

Type: **not specified**

Latest results of the T2K experiment

Tuesday 2 June 2015 16:00 (20 minutes)

Presenter: QUILAIN, Benjamin (University of Kyoto)

Session Classification: Neutrinos

Contribution ID: 32

Type: **not specified**

The GERDA Experiment for the Search of Neutrinoless Double Beta Decay: Phase I Results and Phase II Upgrades

Tuesday 2 June 2015 18:20 (20 minutes)

Presenter: WALTER, Manuel (University of Zurich)

Session Classification: Neutrinos

Contribution ID: 33

Type: **not specified**

Hadron Production Measurements from NA61/SHINE for Neutrino Flux Predictions

Tuesday 2 June 2015 18:40 (20 minutes)

Presenter: Dr KOWALIK, Katarzyna (National Center for Nuclear Research, Warsaw)

Session Classification: Neutrinos

Contribution ID: 34

Type: **not specified**

Neutrino electromagnetic interactions: a window to new physics

Tuesday 2 June 2015 19:00 (20 minutes)

Presenter: STUDENIKIN, Alexander (Moscow State University)

Session Classification: Neutrinos

Contribution ID: 39

Type: **not specified**

Recent Heavy Flavor Physics Results from the Tevatron

Tuesday 2 June 2015 16:00 (20 minutes)

Author: ABBOTT, Brad (Oklahoma)

Presenter: ABBOTT, Brad (Oklahoma)

Session Classification: QCD + Heavy Flavour

Contribution ID: 40

Type: **not specified**

Measurement of HF production at Atlas and CMS

Tuesday 2 June 2015 16:20 (20 minutes)

Presenter: POMPILI, Alexis (Bari)

Session Classification: QCD + Heavy Flavour

Contribution ID: 41

Type: **not specified**

Measurement of HF properties at Atlas and CMS

Tuesday 2 June 2015 16:40 (20 minutes)

Author: BARTON, Adam Edward (Lancaster)

Presenter: BARTON, Adam Edward (Lancaster)

Session Classification: QCD + Heavy Flavour

Contribution ID: 42

Type: **not specified**

Measurements of CP-violating phases in B decays at LHCb

Tuesday 2 June 2015 17:00 (20 minutes)

Author: CARSON, Laurence (Edinburgh)

Presenter: CARSON, Laurence (Edinburgh)

Session Classification: QCD + Heavy Flavour

Contribution ID: 43

Type: **not specified**

Measurements of CP violation and mixing in charm decays at LHCb

Tuesday 2 June 2015 17:20 (20 minutes)

Author: LUPTON, Oliver (Oxford)

Presenter: LUPTON, Oliver (Oxford)

Session Classification: QCD + Heavy Flavour

Contribution ID: 44

Type: **not specified**

Results on CP violation in heavy meson decays at e+e- B Factories

Tuesday 2 June 2015 17:40 (20 minutes)

Author: LATHAM, Thomas (Warwick)

Presenter: LATHAM, Thomas (Warwick)

Session Classification: QCD + Heavy Flavour

Contribution ID: 45

Type: **not specified**

Semileptonic b-hadron decays at LHCb

Tuesday 2 June 2015 18:00 (20 minutes)

Author: MORDÀ, Alessandro (Marseille)

Presenter: HAMILTON, Brian (College Park-Maryland)

Session Classification: QCD + Heavy Flavour

Contribution ID: 46

Type: **not specified**

Rare beauty and charm decays at LHCb

Tuesday 2 June 2015 18:20 (20 minutes)

Author: MORDÀ, Alessandro (Marseille)

Presenter: MORDÀ, Alessandro (Marseille)

Session Classification: QCD + Heavy Flavour

Contribution ID: 47

Type: **not specified**

Leptonic B decays and related results at B Factories

Tuesday 2 June 2015 18:40 (20 minutes)

Author: YOON, Youngmin (Yonsei)

Presenter: YOON, Youngmin (Yonsei)

Session Classification: QCD + Heavy Flavour

Contribution ID: 49

Type: **not specified**

Recent Top Quark Results from the Tevatron

Tuesday 2 June 2015 16:00 (20 minutes)

Presenters: PETERS, Yvonne; PETERS, Yvonne

Session Classification: EW + Top + Higgs

Contribution ID: 50

Type: **not specified**

Top quark mass measurements at the LHC

Tuesday 2 June 2015 16:20 (20 minutes)

Presenters: FUSTER VERDU, Juan (Universidad de Valencia (ES)); FUSTER VERDÚ, Juan (IFIC-Valencia (ES))

Session Classification: EW + Top + Higgs

Contribution ID: 51

Type: **not specified**

Top-quark production at the LHC

Tuesday 2 June 2015 16:40 (20 minutes)

Presenter: FERNANDEZ MENENDEZ, Javier (Universidad de Oviedo (ES))

Session Classification: EW + Top + Higgs

Contribution ID: 52

Type: **not specified**

Measurements of top-quark properties at the LHC

Tuesday 2 June 2015 17:00 (20 minutes)

Presenter: BEERNAERT, Kelly (Ghent University (BE))

Session Classification: EW + Top + Higgs

Contribution ID: 53

Type: **not specified**

Search for rare top-quark decays at the LHC

Tuesday 2 June 2015 18:00 (20 minutes)

Presenter: ALMEIDA VELOSO, Filipe (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part)

Session Classification: EW + Top + Higgs

Contribution ID: 54

Type: **not specified**

Constraining top quark Z-boson couplings at the LHC

Tuesday 2 June 2015 17:20 (20 minutes)

Presenter: SCHULZE, Markus Christian (CERN)

Session Classification: EW + Top + Higgs

Contribution ID: 55

Type: **not specified**

Light Quark Composite Partners

Tuesday 2 June 2015 18:20 (20 minutes)

Presenter: LEE, Seung J. (KAIST)

Session Classification: EW + Top + Higgs

Contribution ID: 56

Type: **not specified**

Search strategies for heavy quark partners at LHC run-II

Tuesday 2 June 2015 18:40 (20 minutes)

Presenter: FLACKE, Thomas Dieter (Korea Advanced Institute of Science and Technology (KR))

Session Classification: EW + Top + Higgs

Contribution ID: 57

Type: **not specified**

Spacetime curvature and the Higgs stability during inflation

Wednesday 3 June 2015 15:40 (20 minutes)

Presenter: MARKKANEN, Tommi (Imperial College London)

Session Classification: EW + Top + Higgs

Contribution ID: **66**

Type: **not specified**

Searches for heavy resonances at the LHC

Wednesday 3 June 2015 14:00 (20 minutes)

Presenter: RANDLE-CONDE, Aidan Sean (Universite Libre de Bruxelles (BE))

Session Classification: BSM + DM

Contribution ID: 67

Type: **not specified**

Searches for dark matter and extra dimensions at the LHC

Wednesday 3 June 2015 14:20 (20 minutes)

Presenter: GENEST, Marie-Helene (Centre National de la Recherche Scientifique (FR))

Session Classification: BSM + DM

Contribution ID: **68**

Type: **not specified**

Searches for new phenomena with heavy quarks and multileptons at the LHC

Wednesday 3 June 2015 14:40 (20 minutes)

Presenter: VALERY, Loic (Universitat Autònoma de Barcelona (ES))

Session Classification: BSM + DM

Contribution ID: 69

Type: **not specified**

SHiP: a new facility for searching for long-lived neutral particles and studying the tau neutrino properties

Wednesday 3 June 2015 15:00 (20 minutes)

Presenter: CONTI, Geraldine (CERN)

Session Classification: BSM + DM

Contribution ID: 70

Type: **not specified**

Axions-like particles at colliders

Wednesday 3 June 2015 15:20 (20 minutes)

Presenter: MIMASU, Ken (University of Sussex)

Session Classification: BSM + DM

Contribution ID: 71

Type: **not specified**

Cosmic Ray and Air Shower Experiments

Thursday 4 June 2015 15:00 (30 minutes)

Presenter: ROTH, Markus (KIT)

Session Classification: Astro/Cosmo/Dark Matter - High Energy Universe

Contribution ID: 72

Type: **not specified**

Gamma Ray Astronomy

Thursday 4 June 2015 14:00 (30 minutes)

Presenter: FUNK, Stefan (Stanford University and SLAC)

Session Classification: Astro/Cosmo/Dark Matter - High Energy Universe

Contribution ID: 73

Type: **not specified**

Acceleration and propagation of cosmic rays

Thursday 4 June 2015 14:30 (30 minutes)

Presenter: MARCOWITH, Alexandre

Session Classification: Astro/Cosmo/Dark Matter - High Energy Universe

Contribution ID: 74

Type: **not specified**

CP violation and rare decays

Thursday 4 June 2015 11:00 (30 minutes)

Presenter: GERSHON, Tim (Warwick)

Session Classification: Heavy Flavour Physics

Contribution ID: 75

Type: **not specified**

XYZ particles

Thursday 4 June 2015 11:30 (30 minutes)

Presenter: OLSEN, Stephen Lars (Daejeon, Korea)

Session Classification: Heavy Flavour Physics

Contribution ID: 76

Type: **not specified**

Implications of Heavy Flavour measurements

Thursday 4 June 2015 12:00 (30 minutes)

Presenter: HAISCH, Ulrich (Oxford)

Session Classification: Heavy Flavour Physics

Contribution ID: 77

Type: **not specified**

Our Universe: News from the oldest light

Friday 5 June 2015 11:00 (30 minutes)

Presenter: ENSSLIN, Torsten (MPA Munich)

Session Classification: Cosmology

Contribution ID: 78

Type: **not specified**

Expansion history of the Universe

Friday 5 June 2015 11:30 (30 minutes)

Presenter: RIGAULT, Mickael (HU Berlin)

Session Classification: Cosmology

Contribution ID: 79

Type: **not specified**

Cosmological constraints on inflation

Friday 5 June 2015 12:00 (30 minutes)

Presenter: PEIRIS, Hiranya (University College London)

Session Classification: Cosmology

Contribution ID: 94

Type: **not specified**

Present status of neutrino parameters and near future prospects

Thursday 4 June 2015 08:30 (30 minutes)

Presenter: GONZALEZ-GARCIA, M. Concepcion (YITP Stony Brook and ICREA U. Barcelona)

Session Classification: Neutrino Physics

Contribution ID: 95

Type: **not specified**

Long term neutrino prospects

Thursday 4 June 2015 09:00 (30 minutes)

Presenter: ZITO, Marco (IRFU CEA-Saclay)

Session Classification: Neutrino Physics

Contribution ID: 96

Type: **not specified**

BSM neutrino physics confronted with LHC

Thursday 4 June 2015 09:30 (30 minutes)

Presenter: DEPPISCH, Frank (University College London (UK))

Session Classification: Neutrino Physics

Contribution ID: 97

Type: **not specified**

Theoretical aspects of CP violation and flavour in the leptonic sector

Thursday 4 June 2015 10:00 (30 minutes)

Presenter: FERUGLIO, Ferruccio (Dipartimento di Fisica Galileo Galilei)

Session Classification: Neutrino Physics

Contribution ID: **105**

Type: **not specified**

Summary Talk

Friday 5 June 2015 14:00 (1 hour)

Presenter: Dr SALAM, Gavin (CERN)

Session Classification: Summary and Conclusion

Contribution ID: **106**

Type: **not specified**

Concluding Remarks

Friday 5 June 2015 15:00 (15 minutes)

Presenter: TRẦN THANH VÂN, Jean (LPT/Orsay)

Session Classification: Summary and Conclusion

Contribution ID: **107**

Type: **not specified**

Direct searches for dark matter

Friday 5 June 2015 09:00 (30 minutes)

Presenter: LANG, Rafael

Session Classification: The Dark Universe

Contribution ID: **108**

Type: **not specified**

Indirect dark matter searches

Friday 5 June 2015 09:30 (30 minutes)

Presenter: STRIGARI, Louis (Texas A&M University)

Session Classification: The Dark Universe

Contribution ID: **109**

Type: **not specified**

Dark matter theory

Friday 5 June 2015 10:00 (30 minutes)

Presenter: CERDENO, David (IPPP Durham)

Session Classification: The Dark Universe

Contribution ID: **110**

Type: **not specified**

Welcome

Monday 1 June 2015 09:00 (15 minutes)

Presenter: TRAN THANH VAN, Jean (LPT, Univ. Orsay)

Session Classification: Opening

Contribution ID: **111**

Type: **not specified**

Welcome

Monday 1 June 2015 09:15 (15 minutes)

Presenter: GRICOURT (MAYOR OF BLOIS), Marc (Mayor of Blois)

Session Classification: Opening

Contribution ID: **112**

Type: **not specified**

Introduction

Monday 1 June 2015 09:30 (15 minutes)

Presenter: JAKOBS, Karl (Albert-Ludwigs-Universitaet Freiburg (DE))

Session Classification: Opening

Contribution ID: 117

Type: **not specified**

Higgs boson production at the LHC

Monday 1 June 2015 14:00 (30 minutes)

Presenter: PETERS, Krisztian (CERN)

Session Classification: The Higgs Boson

Contribution ID: **118**

Type: **not specified**

The Higgs boson profile

Monday 1 June 2015 14:30 (30 minutes)

Presenter: GOMEZ-CEBALLOS, Guillermo (Massachusetts Inst. of Technology (US))

Session Classification: The Higgs Boson

Contribution ID: **119**

Type: **not specified**

Exotic Higgs boson decays

Monday 1 June 2015 15:30 (30 minutes)

Presenter: SHELTON, Jessie (Julia) (U. Illinois at Urbana Champaign)

Session Classification: The Higgs Boson

Contribution ID: **121**

Type: **not specified**

Test of QCD at Colliders

Tuesday 2 June 2015 09:00 (30 minutes)

Presenter: SAVIN, Alexander (University of Wisconsin (US))

Session Classification: QCD+EW+Top Physics+Heavy Ions

Contribution ID: 122

Type: **not specified**

Status of electroweak physics

Tuesday 2 June 2015 09:30 (30 minutes)

Presenter: SAUVAN, Emmanuel (LAPP (IN2P3/CNRS))

Session Classification: QCD+EW+Top Physics+Heavy Ions

Contribution ID: 123

Type: **not specified**

Top Quark production and properties

Tuesday 2 June 2015 10:00 (30 minutes)

Presenter: LISTER, Alison (University of British Columbia (CA))

Session Classification: QCD+EW+Top Physics+Heavy Ions

Contribution ID: 126

Type: **not specified**

SUSY searches

Tuesday 2 June 2015 11:30 (30 minutes)

Presenter: ASAI, Shoji (University of Tokyo (JP))

Session Classification: Beyond the Standard Model Physics

Contribution ID: 127

Type: **not specified**

Higgs boson, BSM interpretations

Monday 1 June 2015 16:00 (30 minutes)

Presenter: MASSO SOLER, Eduard (Universitat Autònoma de Barcelona (ES))

Session Classification: The Higgs Boson

Contribution ID: 128

Type: **not specified**

Standard Model theory

Tuesday 2 June 2015 11:00 (30 minutes)

Presenter: Prof. DITTMAYER, Stefan (Albert-Ludwigs-Universitaet Freiburg (DE))

Session Classification: QCD+EW+Top Physics+Heavy Ions

Contribution ID: **129**

Type: **not specified**

Status of Heavy Ion Physics

Presenter: MUELLER, Berndt (Brookhaven National Laboratory)

Contribution ID: **130**

Type: **not specified**

Exotic searches

Tuesday 2 June 2015 12:00 (30 minutes)

Presenter: Dr ALCARAZ MAESTRE, Juan (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

Session Classification: Beyond the Standard Model Physics

Contribution ID: **131**

Type: **not specified**

TOP partner searches

Tuesday 2 June 2015 14:00 (30 minutes)

Presenter: AZZI, Patrizia (INFN-PD and CERN)

Session Classification: Beyond the Standard Model Physics

Contribution ID: 132

Type: **not specified**

Implications of SUSY searches for BSM

Tuesday 2 June 2015 14:30 (30 minutes)

Presenter: CRAIG, Nathaniel (UC Santa Barbara)

Session Classification: Beyond the Standard Model Physics

Contribution ID: 133

Type: **not specified**

Recasting experimental searches

Tuesday 2 June 2015 15:00 (30 minutes)

Presenter: PAPUCCI, Michele (Lawrence Berkeley National Lab.)

Session Classification: Beyond the Standard Model Physics

Contribution ID: 135

Type: **not specified**

Results from the AMS experiment and status of Dark Matter Searches

Thursday 4 June 2015 16:00 (30 minutes)

Presenter: DEROME, Laurent (LPSC Grenoble)

Session Classification: Astro/Cosmo/Dark Matter - High Energy Universe

Contribution ID: 136

Type: **not specified**

Neutrino Astronomy

Monday 1 June 2015 11:00 (45 minutes)

Presenter: HALZEN, Francis (High Energy Physics-Department of Physics-University of Wisconsin)

Session Classification: First Session

Contribution ID: 137

Type: **not specified**

The LHC in Run 2, status and plans

Monday 1 June 2015 10:15 (45 minutes)

Presenter: LAMONT, Mike (CERN)

Session Classification: First Session

Contribution ID: 138

Type: **not specified**

Prospects for W-mass measurements at the LHC

Wednesday 3 June 2015 14:20 (20 minutes)

Presenter: D'ALFONSO, Mariarosaria (CERN)

Session Classification: EW + Top + Higgs

Contribution ID: 139

Type: **not specified**

Electroweak Chiral Lagrangians

Wednesday 3 June 2015 14:40 (20 minutes)

Presenter: SANZ-CILLERO, Juan Jose (Universidad Autonoma de Madrid)

Session Classification: EW + Top + Higgs

Contribution ID: 140

Type: **not specified**

Elektroweak constraints from Gfitter

Wednesday 3 June 2015 15:00 (20 minutes)

Presenter: PEIFFER, Thomas (Universitaet Hamburg)

Session Classification: EW + Top + Higgs

Contribution ID: **141**

Type: **not specified**

EW constraints on composite Higgs models

Wednesday 3 June 2015 15:20 (20 minutes)

Presenter: SALVAREZZA, Matteo (INFN Rome)

Session Classification: EW + Top + Higgs

Contribution ID: 143

Type: **not specified**

Revisiting LHC gluino mass bounds through radiative decays using MadAnalysis 5

Tuesday 2 June 2015 18:40 (20 minutes)

Presenter: CHALONS, Guillaume (LPSC Grenoble)

Session Classification: BSM + DM

Contribution ID: 144

Type: **not specified**

Search for Pseudoscalar and Scalar Weakly Interacting Sub-eV Particles with the OSQAR Experiment

Wednesday 3 June 2015 15:40 (20 minutes)

Presenter: SCHOTT, Matthias (Johannes-Gutenberg-Universitaet Mainz (DE))

Session Classification: BSM + DM

Contribution ID: 169

Type: **not specified**

Probing the non thermal dark matter at hadron colliders with events containing a single top quark in the final state

Wednesday 3 June 2015 16:30 (20 minutes)

Presenter: DALCHENKO, Mykhailo (Texas A & M University (US))

Session Classification: BSM + DM

Contribution ID: 170

Type: **not specified**

Study of Higgs boson production in bosonic decay channels at the LHC (incl. off-shell production)

Wednesday 3 June 2015 16:30 (20 minutes)

Presenters: ODA, Susumu (ICEPP, University of Tokyo); ODA, Susumu (Kyushu University (JP))

Session Classification: EW + Top + Higgs

Contribution ID: 171

Type: **not specified**

Electroweak physics and QCD in the forward direction at LHCb

Wednesday 3 June 2015 16:30 (20 minutes)

Presenter: BARTER, William (CERN)

Session Classification: QCD + Heavy Flavour

Contribution ID: 172

Type: **not specified**

Antares Results in the Light of IceCube Discovery

Wednesday 3 June 2015 17:10 (20 minutes)

Presenter: KULIKOVSKIY, Vladimir (LNS)

Session Classification: Astro + Cosmo I-II

Contribution ID: 173

Type: **not specified**

Status and Perspectives of KM3NeT/ARCA

Wednesday 3 June 2015 17:30 (20 minutes)

Presenter: TROVATO, Agata (INFN)

Session Classification: Astro + Cosmo I-II

Contribution ID: 174

Type: **not specified**

VERITAS: Observatory Status and Recent Highlights

Wednesday 3 June 2015 17:50 (20 minutes)

Presenter: MAIER, Gernot (DESY)

Session Classification: Astro + Cosmo I-II

Contribution ID: 175

Type: **not specified**

HESS Highlights

Wednesday 3 June 2015 18:10 (20 minutes)

Presenter: BRUN, Francois (IRFU, CEA Saclay)

Session Classification: Astro + Cosmo I-II

Contribution ID: 176

Type: **not specified**

The HAWC Gamma Ray Observatory

Wednesday 3 June 2015 18:30 (20 minutes)

Presenter: RIVIERE, Colas

Session Classification: Astro + Cosmo I-II

Contribution ID: 177

Type: **not specified**

Results from the Telescope Array

Wednesday 3 June 2015 18:50 (20 minutes)

Presenter: THOMSON, Gordon (University of Utah)

Session Classification: Astro + Cosmo I-II

Contribution ID: 178

Type: **not specified**

The MAGIC Telescope System: Scientific Highlights, Status and Future Perspectives

Wednesday 3 June 2015 19:10 (20 minutes)

Presenter: EINECKE, Sabrina (University Dortmund)

Session Classification: Astro + Cosmo I-II

Contribution ID: 179

Type: **not specified**

Test of the Weak Equivalence Principle on Antimatter with the AEGIS Experiment

Wednesday 3 June 2015 18:30 (20 minutes)

Presenter: PAGANO, Davide (University of Brescia)

Session Classification: QCD + Heavy Flavour

Contribution ID: **181**

Type: **not specified**

Recent QCD&EW Results from the Tevatron

Wednesday 3 June 2015 14:00 (20 minutes)

Presenter: PRICE, Darren (Manchester)

Session Classification: QCD + Heavy Flavour

Contribution ID: **182**

Type: **not specified**

Latest results on jets and photon production from Atlas and CMS

Wednesday 3 June 2015 14:20 (20 minutes)

Presenter: OCALAN, Kadir (Middle East Technical Univ.)

Session Classification: QCD + Heavy Flavour

Contribution ID: **183**

Type: **not specified**

Inclusive W, Z, and W&Z+jets production at Atlas and CMS

Wednesday 3 June 2015 14:40 (20 minutes)

Presenter: BRAU, Benjamin (Massachusetts)

Session Classification: QCD + Heavy Flavour

Contribution ID: **184**

Type: **not specified**

NNLO corrections to Higgs + 1 jet

Wednesday 3 June 2015 15:00 (20 minutes)

Presenter: CAOLA, Fabrizio (CERN)

Session Classification: QCD + Heavy Flavour

Contribution ID: **185**

Type: **not specified**

N3LO corrections to inclusive Higgs production

Wednesday 3 June 2015 15:20 (20 minutes)

Presenter: MISTLBERGER, Bernhard (ETH Zurich)

Session Classification: QCD + Heavy Flavour

Contribution ID: **186**

Type: **not specified**

Progress in NNPDF

Wednesday 3 June 2015 15:40 (20 minutes)

Presenter: BERTONE, Valerio (CERN)

Session Classification: QCD + Heavy Flavour

Contribution ID: **188**

Type: **not specified**

Searching for links between general relativity and quantum mechanics

Tuesday 2 June 2015 19:00 (20 minutes)

Presenter: VO VAN, Thuan ((Vietnam))

Session Classification: BSM + DM

Contribution ID: **189**

Type: **not specified**

Study of Higgs boson production in fermionic decay channels at the LHC (incl. $m_{\mu\mu}$ and $\tau\text{-}\mu$)

Wednesday 3 June 2015 16:50 (20 minutes)

Presenter: CEPEDA HERMIDA, Maria (University of Wisconsin (US))

Session Classification: EW + Top + Higgs

Contribution ID: **190**

Type: **not specified**

Higgs boson couplings, from combination of all channels

Wednesday 3 June 2015 17:10 (20 minutes)

Presenter: Dr HONG, Tae Min (University of Pittsburgh (US))

Session Classification: EW + Top + Higgs

Contribution ID: **191**

Type: **not specified**

Higgs boson properties (mass, spin/CP)

Wednesday 3 June 2015 18:10 (20 minutes)

Presenter: ILIC, Nikolina (Stanford University (US))

Session Classification: EW + Top + Higgs

Contribution ID: **192**

Type: **not specified**

Searches for BSM Higgs bosons at the LHC

Wednesday 3 June 2015 18:50 (20 minutes)

Presenter: MAGNAN, Anne-Marie (Imperial College Sci., Tech. & Med. (GB))

Session Classification: EW + Top + Higgs

Contribution ID: **193**

Type: **not specified**

Pseudo-observables in Higgs decays

Wednesday 3 June 2015 17:30 (20 minutes)

Presenter: MARZOCCA, David (University of Zurich)

Session Classification: EW + Top + Higgs

Contribution ID: **194**

Type: **not specified**

Boosted Higgs boson channel(s)

Wednesday 3 June 2015 17:50 (20 minutes)

Presenter: SCHLAFFER, Matthias Josef (Deutsches Elektronen-Synchrotron (DE))

Session Classification: EW + Top + Higgs

Contribution ID: 195

Type: **not specified**

DiHiggs production and new physics

Wednesday 3 June 2015 18:30 (20 minutes)

Presenter: PAPAEFSTATHIOU, Andreas (CERN)

Session Classification: EW + Top + Higgs

Contribution ID: 196

Type: **not specified**

Double Higgs boson production in the Standard Model with extra scalar particles

Wednesday 3 June 2015 19:10 (20 minutes)

Presenter: ZHEMCHUGOV, Evgenii (National Research Nuclear University MPhI (RU))

Session Classification: EW + Top + Higgs

Contribution ID: 197

Type: **not specified**

A taste of dark matter: flavour constraints on pseudoscalar mediators

Wednesday 3 June 2015 16:50 (20 minutes)

Presenter: MCCABE, Christopher (University of Amsterdam)

Session Classification: BSM + DM

Contribution ID: **198**

Type: **not specified**

Self-interacting asymmetric dark matter

Wednesday 3 June 2015 17:10 (20 minutes)

Presenter: PETRAKI, Kalliopi (Nikhef)

Session Classification: BSM + DM

Contribution ID: **200**

Type: **not specified**

Latest Results from the LUX Dark Matter Search Experiment

Wednesday 3 June 2015 17:50 (20 minutes)

Presenter: FIORUCCI, Simon (Brown University)

Session Classification: BSM + DM

Contribution ID: **201**

Type: **not specified**

Dark Matter searches with HESS

Wednesday 3 June 2015 18:10 (20 minutes)

Presenter: MORA, Knut (University of Stockholm)

Session Classification: BSM + DM

Contribution ID: **202**

Type: **not specified**

Status of the first EDELWEISS-III physics run

Wednesday 3 June 2015 18:30 (20 minutes)

Presenter: KOZLOV, Valentin (KIT - Karlsruhe Institute of Technology (DE))

Session Classification: BSM + DM

Contribution ID: 203

Type: **not specified**

The direct WIMPs search within the XENON Project: the status of the art

Wednesday 3 June 2015 18:50 (20 minutes)

Presenters: MASSOLI, Fabio Valerio; MASSOLI, Fabio Valerio (INFN Bologna)

Session Classification: BSM + DM

Contribution ID: 205

Type: **not specified**

Holography: from black holes to condensed matter

Monday 1 June 2015 11:45 (45 minutes)

Presenter: SON, Dam Thanh (University of Chicago)

Session Classification: First Session

Contribution ID: **206**

Type: **not specified**

Particle cosmological probes on light dark matter

Wednesday 3 June 2015 17:30 (20 minutes)

Presenter: KADOTA, Kenji (IBS)

Session Classification: BSM + DM

Contribution ID: 207

Type: **not specified**

Top quark form factors measurements at the ILC

Tuesday 2 June 2015 17:40 (20 minutes)

Presenter: POESCHL, Roman (Laboratoire de l'Accelérateur Lineaire (FR))

Session Classification: EW + Top + Higgs

Contribution ID: **208**

Type: **not specified**

Recent Results from the CRESST Experiment

Wednesday 3 June 2015 19:10 (20 minutes)

Presenter: STRAUSS, Raimund (MPI Munich)

Session Classification: BSM + DM

Contribution ID: 209

Type: **not specified**

South Pole Telescope E-Mode, B-Mode, and Gravitational Lensing Spectra

Wednesday 3 June 2015 16:30 (20 minutes)

Presenter: GALLICCHIO, Jason (University of Chicago)

Session Classification: Astro + Cosmo I-II

Contribution ID: **210**

Type: **not specified**

Leptonic flavour models

Tuesday 2 June 2015 17:40 (20 minutes)

Presenter: LUHN, Christoph

Session Classification: Neutrinos

Contribution ID: **211**

Type: **not specified**

Vortices in axion condensate dark halos

Wednesday 3 June 2015 19:30 (20 minutes)

Presenter: SZYDLOWSKI, Marek

Session Classification: BSM + DM

Contribution ID: **212**

Type: **not specified**

The ICISE centre

Thursday 4 June 2015 16:30 (20 minutes)

Session Classification: Discussion on Physics in Vietnam

Contribution ID: 213

Type: **not specified**

Presentation on 2016 Conferences

Thursday 4 June 2015 16:50 (10 minutes)

Session Classification: Discussion on Physics in Vietnam

Contribution ID: **214**

Type: **not specified**

Discussion

Thursday 4 June 2015 17:00 (15 minutes)

Session Classification: Discussion on Physics in Vietnam

Contribution ID: 215

Type: **not specified**

Preliminary results of the final SNLS cosmology analysis

Wednesday 3 June 2015 14:20 (20 minutes)

Presenter: EL-HAGE, Patrick (T. W. Bonner Nuclear Laboratory-Rice University-Unknown)

Session Classification: Astro + Cosmo I-II