

New trends in high energy physics and QCD

Report of Contributions

Contribution ID: 0

Type: **not specified**

QCD, partons and all that (I)

Tuesday 21 October 2014 09:00 (50 minutes)

Presenter: DE OLIVEIRA, Emmanuel (IF - USP, Brazil)

Contribution ID: 1

Type: **not specified**

Phenomenology and experimental aspects of SUSY and searches for extra dimensions at the LHC (I)

Tuesday 21 October 2014 09:50 (50 minutes)

Presenter: BESANCON, marc (cea-saclay/dapnia/spp)

Contribution ID: 2

Type: **not specified**

Gauge fields with spontaneously broken symmetry (I)

Tuesday 21 October 2014 11:10 (50 minutes)

Presenter: SLAVNOV, Andrei

Contribution ID: 3

Type: **not specified**

Higgs physics and experimental results (I)

Tuesday 21 October 2014 12:00 (50 minutes)

Presenter: LENZI, Bruno (CERN)

Contribution ID: 4

Type: **not specified**

BSM and extra-dimensions (I)

Tuesday 21 October 2014 15:30 (50 minutes)

Presenter: PONTON, Eduardo

Contribution ID: 5

Type: **not specified**

Introduction to string theory (I)

Tuesday 21 October 2014 16:50 (50 minutes)

Presenter: SHIU, Gary (University of Wisconsin)

Contribution ID: 6

Type: **not specified**

Diffraction in lepton- and hadron-induced reactions (I)

Tuesday 21 October 2014 17:40 (50 minutes)

Presenter: JENKOVSZKY, Laszlo (National Academy of Sciences of Ukraine)

Contribution ID: 7

Type: **not specified**

QCD, partons and all that (II)

Wednesday 22 October 2014 09:00 (50 minutes)

Presenter: DE OLIVEIRA, Emmanuel (IF - USP, Brazil)

Contribution ID: 8

Type: **not specified**

Phenomenology and experimental aspects of SUSY and searches for extra dimensions at the LHC (II)

Wednesday 22 October 2014 09:50 (50 minutes)

Presenter: BESANCON, marc (cea-saclay/dapnia/spp)

Contribution ID: 9

Type: **not specified**

Gauge fields with spontaneously broken symmetry (II)

Wednesday 22 October 2014 11:10 (50 minutes)

Presenter: SLAVNOV, Andrei

Contribution ID: **10**

Type: **not specified**

Higgs physics and experimental results (II)

Wednesday 22 October 2014 12:00 (50 minutes)

Presenter: LENZI, Bruno (CERN)

Contribution ID: **11**

Type: **not specified**

BSM and extra-dimensions (II)

Wednesday 22 October 2014 15:30 (50 minutes)

Presenter: PONTON, Eduardo

Contribution ID: **12**

Type: **not specified**

Introduction to string theory (II)

Wednesday 22 October 2014 16:50 (50 minutes)

Presenter: SHIU, Gary (University of Wisconsin)

Contribution ID: 13

Type: **not specified**

Diffraction in lepton- and hadron-induced reactions (II)

Wednesday 22 October 2014 17:40 (50 minutes)

Presenter: JENKOVSKY, Laszlo (National Academy of Sciences of Ukraine)

Contribution ID: 14

Type: **not specified**

QCD, partons and all that (III)

Thursday 23 October 2014 09:00 (50 minutes)

Presenter: DE OLIVEIRA, Emmanuel (IF - USP, Brazil)

Contribution ID: 15

Type: **not specified**

QCD for Heavy Ion Collisions: From Color Glass Condensate to Quark-Gluon Plasma (I)

Thursday 23 October 2014 09:50 (50 minutes)

Presenter: IANCU, Edmond (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: **16**

Type: **not specified**

Phenomenology and experimental aspects of SUSY and searches for extra dimensions at the LHC (III)

Thursday 23 October 2014 11:10 (50 minutes)

Presenter: BESANCON, marc (cea-saclay/dapnia/spp)

Contribution ID: 17

Type: **not specified**

Gauge fields with spontaneously broken symmetry (III)

Thursday 23 October 2014 12:00 (50 minutes)

Presenter: SLAVNOV, Andrei

Contribution ID: **18**

Type: **not specified**

Higgs physics and experimental results (III)

Thursday 23 October 2014 15:30 (50 minutes)

Presenter: LENZI, Bruno (CERN)

Contribution ID: **19**

Type: **not specified**

BSM and extra-dimensions (III)

Thursday 23 October 2014 16:50 (50 minutes)

Presenter: PONTON, Eduardo

Contribution ID: **20**

Type: **not specified**

Future accelerators (I)

Thursday 23 October 2014 17:40 (50 minutes)

Presenter: FOSTER, Brian (University of Oxford (GB))

Contribution ID: 21

Type: **not specified**

Phenomenology and experimental aspects of SUSY and searches for extra dimensions at the LHC (IV)

Saturday 25 October 2014 17:40 (50 minutes)

Presenter: BESANCON, marc (cea-saclay/dapnia/spp)

Contribution ID: 22

Type: **not specified**

Jet physics at the LHC (I)

Friday 24 October 2014 09:50 (50 minutes)

Presenter: SOYEZ, Gregory (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 23

Type: **not specified**

QCD for heavy ion collisions: from color glass condensate to quark gluon plasma (II)

Friday 24 October 2014 11:10 (50 minutes)

Presenter: IANCU, Edmond (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 24

Type: **not specified**

Introduction to string theory (III)

Friday 24 October 2014 12:00 (50 minutes)

Presenter: SHIU, Gary (University of Wisconsin)

Contribution ID: 25

Type: **not specified**

Future accelerators (II)

Friday 24 October 2014 15:30 (50 minutes)

Presenter: FOSTER, Brian (University of Oxford (GB))

Contribution ID: 26

Type: **not specified**

AdS/CFT and applications to particle physics (I)

Friday 24 October 2014 16:50 (50 minutes)

Presenter: NORONHA, Jorge (Universidade de Sao Paulo (USP))

Contribution ID: 27

Type: **not specified**

Top physics (I)

Friday 24 October 2014 17:40 (50 minutes)

Presenter: FREDERIX, Rikkert (CERN)

Contribution ID: 28

Type: **not specified**

Higgs physics and experimental results (IV)

Saturday 25 October 2014 09:00 (50 minutes)

Presenter: LENZI, Bruno (CERN)

Contribution ID: 29

Type: **not specified**

Future accelerators (III)

Saturday 25 October 2014 09:50 (50 minutes)

Presenter: FOSTER, Brian (University of Oxford (GB))

Contribution ID: **30**

Type: **not specified**

Jet physics at the LHC (II)

Saturday 25 October 2014 11:10 (50 minutes)

Presenter: SOYEZ, Gregory (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 31

Type: **not specified**

QCD for heavy ion collisions: from color glass condensate to quark gluon plasma (III)

Saturday 25 October 2014 12:00 (50 minutes)

Presenter: IANCU, Edmond (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: **32**

Type: **not specified**

AdS/CFT and applications to particle physics (II)

Saturday 25 October 2014 15:30 (50 minutes)

Presenter: NORONHA, Jorge (Universidade de Sao Paulo (USP))

Contribution ID: 33

Type: **not specified**

Top physics (II)

Saturday 25 October 2014 16:50 (50 minutes)

Presenter: FREDERIX, Rikkert (CERN)

Contribution ID: 34

Type: **not specified**

QCD, partons and all that (IV)

Friday 24 October 2014 09:00 (50 minutes)

Presenter: DE OLIVEIRA, Emmanuel (IF - USP, Brazil)

Contribution ID: 35

Type: **not specified**

Jet physics at the LHC (III)

Monday 27 October 2014 09:00 (50 minutes)

Presenter: SOYEZ, Gregory (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 36

Type: **not specified**

Basic introduction to diffractive scattering (I)

Tuesday 28 October 2014 17:40 (50 minutes)

Presenter: ORAVA, Risto (Helsinki Institute of Physics (FI))

Contribution ID: 37

Type: **not specified**

QCD for heavy ion collisions: from color glass condensate to quark gluon plasma (IV)

Monday 27 October 2014 11:10 (50 minutes)

Presenter: IANCU, Edmond (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: **38**

Type: **not specified**

Holography and hadron physics (I)

Tuesday 28 October 2014 16:50 (50 minutes)

Presenter: MELNIKOV, Dmitry (Rutgers University)

Contribution ID: 39

Type: **not specified**

Lunch and beach

Contribution ID: 40

Type: **not specified**

Introduction to LHC and QCD/SM measurements and search for SUSY/dark matter (I)

Monday 27 October 2014 09:50 (50 minutes)

Presenter: DE ROECK, Albert (CERN)

Contribution ID: 41

Type: **not specified**

AdS/CFT and applications to particle physics (III)

Monday 27 October 2014 16:50 (50 minutes)

Presenter: NORONHA, Jorge (Universidade de Sao Paulo (USP))

Contribution ID: 42

Type: **not specified**

Top physics (III)

Monday 27 October 2014 17:40 (50 minutes)

Presenter: FREDERIX, Rikkert (CERN)

Contribution ID: 43

Type: **not specified**

Astroparticle Physics (I)

Tuesday 28 October 2014 09:00 (50 minutes)

Presenter: DE SOUZA, Vitor

Contribution ID: 44

Type: **not specified**

Basic introduction to diffractive scattering (II)

Wednesday 29 October 2014 17:40 (50 minutes)

Presenter: ORAVA, Risto (Helsinki Institute of Physics (FI))

Contribution ID: 45

Type: **not specified**

BFKL phenomenology (I)

Tuesday 28 October 2014 11:10 (50 minutes)

Presenter: CHACHAMIS, Grigorios (Universidad de Valencia (ES))

Contribution ID: 46

Type: **not specified**

Jet physics at the LHC (experimental aspects) (I)

Tuesday 28 October 2014 12:00 (50 minutes)

Presenter: SANTANA RANGEL, Murilo (Univ. Federal do Rio de Janeiro (BR))

Contribution ID: 47

Type: **not specified**

Introduction to LHC and QCD/SM measurements and search for SUSY/dark matter (III)

Tuesday 28 October 2014 15:30 (50 minutes)

Presenter: DE ROECK, Albert (CERN)

Contribution ID: 48

Type: **not specified**

Photon - Hadron Interactions at LHC (I)

Thursday 30 October 2014 12:00 (50 minutes)

Presenter: GONCALVES, Victor (Universidade Federal de Pelotas)

Contribution ID: 49

Type: **not specified**

Astroparticle Physics (II)

Wednesday 29 October 2014 09:00 (50 minutes)

Presenter: DE SOUZA, Vitor

Contribution ID: 50

Type: **not specified**

BFKL phenomenology (II)

Wednesday 29 October 2014 09:50 (50 minutes)

Presenter: CHACHAMIS, Grigorios (Universidad de Valencia (ES))

Contribution ID: 51

Type: **not specified**

Cosmology (I)

Wednesday 29 October 2014 11:10 (50 minutes)

Presenter: GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: 52

Type: **not specified**

Jet physics at the LHC (experimental aspects) (II)

Wednesday 29 October 2014 12:00 (50 minutes)

Presenter: SANTANA RANGEL, Murilo (Univ. Federal do Rio de Janeiro (BR))

Contribution ID: 53

Type: **not specified**

Introduction to LHC and QCD/SM measurements and search for SUSY/dark matter (II)

Monday 27 October 2014 15:30 (50 minutes)

Presenter: DE ROECK, Albert (CERN)

Contribution ID: 54

Type: **not specified**

Holography and hadron physics (II)

Wednesday 29 October 2014 16:50 (50 minutes)

Presenter: MELNIKOV, Dmitry (Rutgers University)

Contribution ID: 55

Type: **not specified**

Photon - Hadron Interactions at LHC (II)

Friday 31 October 2014 15:30 (50 minutes)

Presenter: GONCALVES, Victor (Universidade Federal de Pelotas)

Contribution ID: 56

Type: **not specified**

New exotic hadrons: production and decay in heavy ion collisions (I)

Thursday 30 October 2014 09:00 (50 minutes)

Presenter: NAVARRA, Fernando

Contribution ID: 57

Type: **not specified**

Diffraction and photon-induced processes at the LHC (II)

Friday 31 October 2014 09:50 (50 minutes)

Presenter: ROYON, Christophe (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 58

Type: **not specified**

Cosmology (II)

Thursday 30 October 2014 11:10 (50 minutes)

Presenter: GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: 59

Type: **not specified**

Astroparticle Physics (III)

Thursday 30 October 2014 09:50 (50 minutes)

Presenter: DE SOUZA, Vitor

Contribution ID: **60**

Type: **not specified**

BFKL phenomenology (III)

Thursday 30 October 2014 15:30 (50 minutes)

Presenter: CHACHAMIS, Grigorios (Universidad de Valencia (ES))

Contribution ID: **61**

Type: **not specified**

From DGLAP to non linear evolution equations (I)

Monday 27 October 2014 12:00 (50 minutes)

Presenter: GAY DUCATI, Beatriz

Contribution ID: **62**

Type: **not specified**

Phenomenology of hard diffraction at high energy (I)

Thursday 30 October 2014 16:50 (50 minutes)

Presenter: MACHADO, Magno (Unknown)

Contribution ID: 63

Type: **not specified**

BFKL phenomenology (IV)

Friday 31 October 2014 09:00 (50 minutes)

Presenter: CHACHAMIS, Grigorios (Universidad de Valencia (ES))

Contribution ID: 64

Type: **not specified**

Diffraction and photon-induced processes at the LHC (I)

Wednesday 29 October 2014 15:30 (50 minutes)

Presenter: ROYON, Christophe (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 65

Type: **not specified**

Cosmology (III)

Friday 31 October 2014 11:10 (50 minutes)

Presenter: GORBUNOV, Dmitry (Russian Academy of Sciences (RU))

Contribution ID: **66**

Type: **not specified**

Introduction to the BFKL equation

Friday 31 October 2014 12:00 (50 minutes)

Presenter: FADIN, Victor

Contribution ID: 67

Type: **not specified**

From DGLAP to non linear evolution equations (II)

Tuesday 28 October 2014 09:50 (50 minutes)

Presenter: GAY DUCATI, Beatriz

Contribution ID: **68**

Type: **not specified**

New exotic hadrons: production and decay in heavy ion collisions (II)

Friday 31 October 2014 16:50 (50 minutes)

Presenter: NAVARRA, Fernando

Contribution ID: **69**

Type: **not specified**

Phenomenology of hard diffraction at high energy (II)

Friday 31 October 2014 17:40 (50 minutes)

Presenter: MACHADO, Magno (Unknown)

Contribution ID: 70

Type: **not specified**

Diffraction as a fundamental ingredient in soft scattering

Monday 3 November 2014 11:40 (40 minutes)

Presenter: MAOR, URI (Tel Aviv University)

Contribution ID: 71

Type: **not specified**

Light-by-light scattering at the LHC from new physics

Wednesday 5 November 2014 09:40 (40 minutes)

Presenter: FICHET, Sylvain

Contribution ID: 72

Type: **not specified**

tba

Presenter: GUEDES, Anderson

Contribution ID: 73

Type: **not specified**

Anomalous quartic neutral gauge couplings at the LHC

Wednesday 5 November 2014 10:20 (30 minutes)

Presenter: SAIMPERT, Matthias (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 74

Type: **not specified**

More on soft theorems: trees, loops and strings

Monday 3 November 2014 09:40 (40 minutes)

Presenter: BIANCHI, Massimo (Universita degli Studi di Roma Tor Vergata)

Contribution ID: 75

Type: **not specified**

Higher Fock states in CGC

Presenter: GRABOVSKY, Andrei

Contribution ID: 76

Type: **not specified**

Measuring the top-quark coupling at the LHC in the $t\bar{t}H$ channel

Thursday 6 November 2014 12:00 (30 minutes)

Presenter: LE QUILLEUC, Eloi Paul (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Contribution ID: 77

Type: **not specified**

Point charge as a soliton in truncated QCD

Monday 3 November 2014 16:00 (40 minutes)

Presenter: SHABAD, Anatoly

Contribution ID: 78

Type: **not specified**

A covariant model for the nucleon spin structure

Wednesday 5 November 2014 16:00 (40 minutes)

Presenter: RAMALHO, Gilberto

Contribution ID: 79

Type: **not specified**

Vector meson production at HERA and at the LHC

Wednesday 5 November 2014 11:40 (40 minutes)

Presenter: JENKOVSZKY, Laszlo (National Academy of Sciences of Ukraine)

Contribution ID: **80**

Type: **not specified**

Supercritical nuclei revisited

Monday 3 November 2014 10:20 (30 minutes)

Presenter: GITMAN, Dmitry

Contribution ID: **81**

Type: **not specified**

Quarks in the nuclear medium

Presenter: BATISTA, Gilson Fernando

Contribution ID: 82

Type: **not specified**

Inverse magnetic catalysis in the Polyakov–Nambu–Jona-Lasinio models

Monday 3 November 2014 17:10 (30 minutes)

Presenter: FERREIRA, Marco

Contribution ID: 83

Type: **not specified**

Coherent and semi-classical states of a free particle

Tuesday 4 November 2014 11:50 (40 minutes)

Presenter: GITMAN, Dmitry

Contribution ID: **84**

Type: **not specified**

tba

Presenter: NAVARRA, Fernando

Contribution ID: 85

Type: **not specified**

More on soft theorems: trees, loops and strings

Wednesday 5 November 2014 09:00 (40 minutes)

Presenter: BIANCHI, Massimo (Universita degli Studi di Roma Tor Vergata)

Contribution ID: **86**

Type: **not specified**

Heavy quark production in cosmic ray interactions

Presenter: GONCALVES, Victor (Universidade Federal de Pelotas)

Contribution ID: 87

Type: **not specified**

Search for BFKL resummation effects at hadronic colliders

Tuesday 4 November 2014 09:40 (40 minutes)

Presenter: ROYON, Christophe (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Contribution ID: **88**

Type: **not specified**

Search for a Torsion Field in pp+e⁻→X collisions at $\sqrt{s}=8$ TeV with the ATLAS/LHC

Wednesday 5 November 2014 11:10 (30 minutes)

Presenter: SILVA, Simao Paulo

Contribution ID: 89

Type: **not specified**

Impact Factors for Reggeon-Gluon Transitions (II)

Tuesday 4 November 2014 16:00 (40 minutes)

Presenter: FADIN, Victor

Contribution ID: 90

Type: **not specified**

Energy-dependent form factors and the total cross section at LHC

Presenter: DE ROCHA, Mateusz

Contribution ID: 91

Type: **not specified**

Minijets and cosmic ray particle production at very high energy

Tuesday 4 November 2014 17:10 (30 minutes)

Presenter: FAGUNDES, Daniel

Contribution ID: 92

Type: **not specified**

Exclusive photoproduction of charmonium and bottomonium states in pp, pA and AA collisions at the LHC

Thursday 6 November 2014 09:40 (40 minutes)

Presenter: MACHADO, Magno (Unknown)

Contribution ID: 93

Type: **not specified**

Point charge as a soliton in truncated QCD

Tuesday 4 November 2014 17:40 (30 minutes)

Presenter: SHABAD, Anatoly

Contribution ID: 94

Type: **not specified**

Spin-1 Light-Front Prescriptions whitout Zero Modes

Thursday 6 November 2014 10:20 (30 minutes)

Presenter: DE MELO, Joao

Contribution ID: 95

Type: **not specified**

Production of particles at large momentum transfer

Thursday 6 November 2014 11:20 (40 minutes)

Presenter: SAUTER, Werner

Contribution ID: 96

Type: **not specified**

Double J/Psi production in diffractive processes at the LHC

Tuesday 4 November 2014 11:10 (40 minutes)

Presenter: BRENNER MARIOTTO, Cristiano (Universidade Federal do Rio Grande)

Contribution ID: 97

Type: **not specified**

Impact factors for reggeon gluon transitions (III)

Wednesday 5 November 2014 17:10 (40 minutes)

Presenter: FADIN, Victor

Contribution ID: 98

Type: **not specified**

Impact factors for reggeon-gluon transitions (I)

Monday 3 November 2014 11:10 (30 minutes)

Presenter: FADIN, victor

Contribution ID: 99

Type: **not specified**

Baryonic dark matter and the LHC

Tuesday 4 November 2014 09:00 (40 minutes)

Presenter: GORBUNOV, Dmitry

Contribution ID: **100**

Type: **not specified**

"Elastic and Inelastic Diffraction at the LHC

Tuesday 4 November 2014 10:20 (30 minutes)

Presenter: MIRANDA, Eduardo