

LISHEP 2011 - Workshop on LHC - Present and Future



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome Cocktail

All participants are invited

Contribution ID: 1

Type: **not specified**

Theory -Soft Diffraction

Primary author: Dr MAOR, Uri (Tel Aviv University)

Presenter: Dr MAOR, Uri (Tel Aviv University)

Contribution ID: 2

Type: **not specified**

Soft Diffraction (Theory)

Thursday 7 July 2011 09:00 (40 minutes)

Presenter: Dr MAOR, Uri (Tel Aviv University)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 3

Type: **not specified**

Forward Physics at CMS

Thursday 7 July 2011 09:40 (40 minutes)

Presenter: VILELA PEREIRA, Antonio (Università degli Studi di Torino/INFN Torino)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 4

Type: **not specified**

Central Meson Production in ALICE

Thursday 7 July 2011 10:40 (30 minutes)

Presenter: SCHICKER, Rainer (University of Heidelberg, Germany)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 5

Type: **not specified**

Test

Presenter: Prof. SANTORO, Alberto (Instituto de Fisica)

Contribution ID: 6

Type: **not specified**

Forward Physics at ATLAS

Thursday 7 July 2011 11:10 (30 minutes)

Presenter: PILKINGTON, Andrew (Manchester, IPPP)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 7

Type: **not specified**

Diffraction at CDF

Thursday 7 July 2011 11:40 (30 minutes)

Presenter: ALBROW, Michael (Fermi National Accelerator Laboratory (FNAL))

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 8

Type: **not specified**

Diffraction on DZERO

Thursday 7 July 2011 14:30 (20 minutes)

Presenter: AVILA BERNAL, Carlos (Unknown)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 9

Type: **not specified**

Phenomenology of Hard Diffraction

Thursday 7 July 2011 14:50 (40 minutes)

Presenter: Dr GAY DUCATI, Maria Beatriz (Universidade Federal do Rio Grande do Sul)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: **10**

Type: **not specified**

"Soft and diffractive physics at LHCb" (by EVO)

Thursday 7 July 2011 14:00 (30 minutes)

Presenter: VOLYANSKY, Dmytro (DESY)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 11

Type: **not specified**

Diffraction on H1 and ZEUS

Thursday 7 July 2011 15:30 (30 minutes)

Presenter: SOLANO, Ada (Universita & INFN, Torino-Unknown-Unknown)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 12

Type: **not specified**

Upgrade LHC

Contribution ID: 13

Type: **not specified**

The LHCb Experiment Upgrade

Saturday 9 July 2011 10:40 (50 minutes)

Presenter: Dr PELLEGRINO, Antonio (NIKHEF)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: 14

Type: **not specified**

CMS Upgrade

Saturday 9 July 2011 09:30 (50 minutes)

Presenter: BUTLER, Joel (Fermi National Accelerator Laboratory (FNAL))

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: 15

Type: **not specified**

ALICE General Results and Upgrade

Saturday 9 July 2011 11:30 (40 minutes)

Presenter: MASERA, Massimo (Universita degli Studi di Torino)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: 16

Type: **not specified**

ATLAS upgrade from a Tile Calorimeter perspective

Saturday 9 July 2011 14:00 (40 minutes)

Presenter: BOHM, Christian (Stockholm University)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: 17

Type: **not specified**

Technological challenges for the LHC Upgrade

Saturday 9 July 2011 14:40 (30 minutes)

Presenter: Dr GREGOR, Ingrid (DESY)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: **18**

Type: **not specified**

TOTEM

Thursday 7 July 2011 16:20 (30 minutes)

Presenter: AVATI, Valentina (Case Western Reserve University)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 20

Type: **not specified**

CP Violation in Beauty and Charm - Review of Experimental Results

Tuesday 5 July 2011 09:00 (45 minutes)

Presenter: WILKINSON, Guy (Nuclear Physics Laboratory)

Session Classification: CP Violation And Rare Decays

Contribution ID: 21

Type: **not specified**

CP Violation in Beauty and Charm - Review on Experimental Results

Presenter: WILKINSON, Guy (Nuclear Physics Laboratory)

Contribution ID: 22

Type: **not specified**

AFP/HPS Detector - ATLAS and CMS

Saturday 9 July 2011 15:10 (30 minutes)

Presenter: Dr TASEVSKY, Marek (Physics Institute Prague)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: 23

Type: **not specified**

Hard Diffraction

Thursday 7 July 2011 16:50 (40 minutes)

Presenter: , Jochen Bartels

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 24

Type: **not specified**

HIGGS Searches at CMS

Wednesday 6 July 2011 09:00 (40 minutes)

Presenter: MITSELMAKHER, Guenakh (Department of Physics-University of Florida)

Session Classification: Electroweak And Higgs

Contribution ID: 25

Type: **not specified**

HIGGS Searches at ATLAS

Wednesday 6 July 2011 09:40 (40 minutes)

Presenter: BARAK, Liron (Department of Particle Physics-Weizmann Institute of Science)

Session Classification: Electroweak And Higgs

Contribution ID: 26

Type: **not specified**

Searches for Low Mass Higgs at Tevatron

Wednesday 6 July 2011 11:00 (40 minutes)

Presenter: Dr RANGEL, Murilo (UFRJ/Dzero)

Session Classification: Electroweak And Higgs

Contribution ID: 27

Type: **not specified**

Search for High Mass Higgs at Tevatron

Presenter: TBA

Contribution ID: 28

Type: **not specified**

SM Higgs Theory Overview

Presenter: TBA

Contribution ID: 29

Type: **not specified**

Non Standard Model Higgs and WW Scattering at HL-LHC

Presenter: TBA

Contribution ID: **30**

Type: **not specified**

A Model for Mass Generation Based on Gravitation

Wednesday 6 July 2011 14:00 (40 minutes)

Presenter: Dr NOVELLO, Mario (CBPF)

Session Classification: Electroweak And Higgs

Contribution ID: 31

Type: **not specified**

Single W and Z Production Asymmetries and Polarization at LHC

Presenter: TBA

Contribution ID: 32

Type: **not specified**

Vjets and Vgamma theory overview

Wednesday 6 July 2011 14:40 (40 minutes)

Presenter: Dr FEBRES, Fernando

Session Classification: Electroweak And Higgs

Contribution ID: 33

Type: **not specified**

Dibosons at the Tevatron and LHC

Presenter: TBA

Contribution ID: 34

Type: **not specified**

Vector Boson Radiative Production at the LHC

Presenter: TBA

Contribution ID: 35

Type: **not specified**

New Top Properties from the Tevatron

Presenter: TBA

Contribution ID: 36

Type: **not specified**

Top Mass and Cross Sections at CMS

Wednesday 6 July 2011 16:20 (40 minutes)

Presenter: BRANDAO MALBOUISSON, Helena (University of Nebraska)

Session Classification: Electroweak And Higgs

Contribution ID: 37

Type: **not specified**

Bs→mu mu and Rare Decay Results from LHCb

Presenter: TBA

Contribution ID: **38**

Type: **not specified**

The SUSY Landscape

Presenter: TBA

Contribution ID: 39

Type: **not specified**

SUSY Searches in ATLAS

Presenter: TBA

Contribution ID: 40

Type: **not specified**

Searches for SUSY with the CMS detector at the LHC”

Friday 8 July 2011 09:00 (40 minutes)

Presenter: Mr ANDRES OCAMPO RIOS, Alberto (UNIANDES/CMS)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 41

Type: **not specified**

SUSY Searches at Tevatron

Presenter: MERCADANTE, Pedro (UNESP - Universidade Estadual Paulista (UNESP))

Contribution ID: 42

Type: **not specified**

TeV Scale Resonances in CMS...

Friday 8 July 2011 10:40 (40 minutes)

Presenter: Dr TRACZYK, Piotr (California Inst. of Tech.)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 43

Type: **not specified**

TeV Scale Resonances in ATLAS

Friday 8 July 2011 09:40 (40 minutes)

Presenter: Dr PEDRAZA MORALES, Maria Isabel (ATLAS)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 44

Type: **not specified**

Alternative New Physics (HV, HSCP, UED,...) in CMS

Friday 8 July 2011 11:20 (40 minutes)

Presenter: CARRILLO MONTOYA, Camilo Andres (Sezione di Napoli (INFN)-Universita e INFN)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 45

Type: **not specified**

Alternative New Physics (HV, HSCP, UED,...) in CMS

Contribution ID: 46

Type: **not specified**

New physics searches at the Tevatron

Friday 8 July 2011 14:40 (40 minutes)

Presenter: Dr MERCADANTE, Pedro (CMS)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 47

Type: **not specified**

BSM: Implications of Early LHC Data

Presenter: TBA

Contribution ID: 48

Type: **not specified**

Scenarios for New Physics at the LHC

Friday 8 July 2011 14:00 (40 minutes)

Presenter: Prof. EBOLI, Oscar (USP)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 49

Type: **not specified**

The Composite Higgs

Friday 8 July 2011 15:20 (40 minutes)

Presenter: Dr WULZER, Andrea

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 50

Type: **not specified**

Exotic Higgs Searches in CMS

Friday 8 July 2011 16:20 (40 minutes)

Presenter: Dr DE FILIPPIS, Nicola (Univ. di Bari e Sez. dell'INFN)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 51

Type: **not specified**

SUSY and Exotic Higgs Searches in ATLAS

Presenter: TBA

Contribution ID: 52

Type: **not specified**

Special Session - Presentation of the Festschrift in honor of Professor Alberto Santoro

Presenters: CARUSO, Francisco (Chair Session); COHEN-TANNOUJJI, Gilles; NEWMAN, Harvey; BEDIAGA, Ignacio; RUBINSTEIN, Roy; ALDROVANDI, Ruben; NASH, Thomas

Contribution ID: 53

Type: **not specified**

CP Violation - theory review

Tuesday 5 July 2011 09:45 (45 minutes)

Presenter: BIGI, Ikaros

Session Classification: CP Violation And Rare Decays

Contribution ID: 54

Type: **not specified**

CPV and rare decays at the B-factories

Tuesday 5 July 2011 10:50 (35 minutes)

Presenter: Dr SCHWARTZ, Alan

Session Classification: CP Violation And Rare Decays

Contribution ID: 55

Type: **not specified**

CPV and rare decays at the Tevatron

Tuesday 5 July 2011 11:25 (35 minutes)

Presenter: Dr WILLIAMS, Mark

Session Classification: CP Violation And Rare Decays

Contribution ID: 56

Type: **not specified**

Results from CMS

Presenter: TBA

Contribution ID: 57

Type: **not specified**

Summary of B-decay measurements towards CPV in ATLAS'

Tuesday 5 July 2011 14:00 (30 minutes)

Presenter: EIGEN, Gerald (Department of Physics & Technology-University of Bergen)

Session Classification: CP Violation And Rare Decays

Contribution ID: 58

Type: **not specified**

CPV in charm decays at LHCb

Tuesday 5 July 2011 14:30 (30 minutes)

Presenter: GOBEL BURLAMAQUI DE MELLO, Carla (Pontificia Universidade Catolica (PUC-RIO))

Session Classification: CP Violation And Rare Decays

Contribution ID: 59

Type: **not specified**

CPV in beauty decays at LHCb

Tuesday 5 July 2011 15:00 (30 minutes)

Presenter: Dr GOMES, Alvaro

Session Classification: CP Violation And Rare Decays

Contribution ID: **60**

Type: **not specified**

Neutrino Physics- theory review

Tuesday 5 July 2011 15:50 (45 minutes)

Mu-chu Chen

Presenter: CHEN, Mu-Chun (University of California at Irvine)

Session Classification: CP Violation And Rare Decays

Contribution ID: **61**

Type: **not specified**

Neutrino Physics - Exp. review

Tuesday 5 July 2011 16:35 (40 minutes)

Presenter: Dr TANAKA, Hirohisa A. (British Columbia University)

Session Classification: CP Violation And Rare Decays

Contribution ID: **62**

Type: **not specified**

A Model for Mass Generation Based on Gravitation

Presenter: Dr NOVELLO, Mario (CBPF)

Contribution ID: 63

Type: **not specified**

The LHC Open Network Environment - world-wide network infrastructure for LHC data processing (by EVO)

Saturday 9 July 2011 09:00 (30 minutes)

Presenter: Dr BARCZYK, Artur (CALTECH)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: **64**

Type: **not specified**

The Strategic Plan For Physics Research at Fermilab In The LHC Era

Presenter: Dr APPEL, Jeff (Fermilab)

Contribution ID: 65

Type: **not specified**

Convener of this session: Alberto Reis

Tuesday 5 July 2011 08:55 (5 minutes)

Session Classification: CP Violation And Rare Decays

Contribution ID: **66**

Type: **not specified**

Convener for this Session: Dr. Maria Spiropulu

Wednesday 6 July 2011 08:59 (1 minute)

Session Classification: Electroweak And Higgs

Contribution ID: 67

Type: **not specified**

Convener of this Session: Alberto Santoro

Thursday 7 July 2011 08:59 (1 minute)

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: **68**

Type: **not specified**

Convener for this Session:Dr.Harvey Newman

Friday 8 July 2011 08:59 (1 minute)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 69

Type: **not specified**

Convener for this Session: André Massafferri

Saturday 9 July 2011 08:59 (1 minute)

Session Classification: ADVANCED INSTRUMENTATION FOR HEP

Contribution ID: 70

Type: **not specified**

Confraternization DinnerWe will have a Conference Dutch Dinner of LISHEP2011. The Dinner will start at 20:30 and go to 01 AM. It will be at Círculo Militar da Praia Vermelha, Praça General Tibúrcio s/n, URCA.-Salão Casa Blanca and Bela Vista. You will receive an invitation to present in the entrance. Please RSVP by June 24 201. But as soon as you respond to LISHEP2011@gmail.com it will be better for our organization. Payment can be done in your arrival (Reais 50,00). Those that paid the Registration Fees do not have to pay.

Contribution ID: 71

Type: **not specified**

Top Mass and Cross Section at ATLAS

Wednesday 6 July 2011 17:00 (40 minutes)

Presenter: OWEN, Mark Andrew (School of Physics and Astronomy Schuster Laboratory-University)

Session Classification: Electroweak And Higgs

Contribution ID: 72

Type: **not specified**

TOUR

Sunday 10 July 2011 09:00 (20 minutes)

AN OPTION FOR PEOPLE THAT WILL TRAVEL ONLY LATE 10 OF JULY.

DATE: 10 de Julho de 2011

Pick up in the Hotel at 10:00 Hs

Drop off in the airport at 16:00 Hs

Itinerary:

In the morning will start going up the Sugar Loaf. One of the most well-known belvederes in Rio, the Sugar Loaf Mountain has an impressive view over the Guanabara Bay, Copacabana beach and Corcovado Mountain and will give the group a macro perspective over the city.

We than head to Centro, where the group will get to know more about the history of Rio de Janeiro and Brasil by visualizing examples of the Portuguese colonial style architecture as well as other significant constructions and areas of the city.

Between 13:00h and 13:30h we will lunch in Meat House called Porcão.

After lunch the group will be lead to the International Airport

Cost per person, considering a group of 20 people: R\$ 230,00

Including:

- Private transportation
- Bilingual specialized tour guide
- Lunch with desert and coffee (drinks are extra)
- Ticket to the Sugar Loaf

Please send a message to LISHEP2011@gmail.com to make your own reservation. We will accept the reservation up to June 24 of 2011.

Session Classification: DEPART and TOUR

Contribution ID: 73

Type: **not specified**

"From the nuclei to the Stars: The Physics and Astrophysics of Gamma Ray Bursts"

Presenter: Dr RUFFINI, Remo

Contribution ID: 74

Type: **not specified**

"From the nuclei to the Stars: The Physics and Astrophysics of Gamma Ray Bursts"

Friday 8 July 2011 17:50 (50 minutes)

Presenter: Dr RUFFINI, Remo (ICRA)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: 75

Type: **not specified**

The Belle II Experiment: Flavor Physics in the LHC Era

Thursday 7 July 2011 17:30 (30 minutes)

Presenter: Dr SCHWARTZ, Alan

Session Classification: FORWARD PHYSICS AND DIFFRACTION

Contribution ID: 76

Type: **not specified**

V + Jets and V + Gamma at the LHC

Wednesday 6 July 2011 15:20 (40 minutes)

Presenter: Dr DI MARCO, Emanuele (Univ. di Roma I - INFN)

Session Classification: Electroweak And Higgs

Contribution ID: 77

Type: **not specified**

Overview Test

Presenter: Prof. SANTORO, Alberto

Contribution ID: 79

Type: **not specified**

Teste de permissão

Co-author: FIGUEIREDO, Diego (DFNAE - UERJ - Brazil)

Presenter: FIGUEIREDO, Diego (DFNAE - UERJ - Brazil)

Contribution ID: **80**

Type: **not specified**

Convener for this Session: Dr. André Massafferri

Contribution ID: **81**

Type: **not specified**

Speackers

Saturday 9 July 2011 16:10 (20 minutes)

Presenters: Dr CARUSO, Francisco (Chair Session); Dr COHEN-TANNOUJJI, Gilles; Dr NEWMAN, Harvey (CALTECH); Dr BEDIAGA, Ignacio; Dr NOVELLO, Mario (CBPF); Dr RUBINSTEIN, Roy (FNAL); Dr NASH, Thomas

Session Classification: Special Session - Presentation of the Festschrift in honor of Professor Alberto Santoro

Contribution ID: 82

Type: **not specified**

Summary/Highlights from the Physics Results of CMS in 2010

Friday 8 July 2011 17:00 (50 minutes)

Presenter: Dr NEWMAN, Harvey (Caltech)

Session Classification: NEW PHYSICS AND BEYOND STANDARD MODEL

Contribution ID: **83**

Type: **not specified**

LISHEP 2011 photos

Contribution ID: **84**

Type: **not specified**

LISHEP 2011 photos - first set

Sunday 10 July 2011 09:20 (40 minutes)