

PHOTON2007

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday, 9 July 2007 09:00 (15 minutes)

Presenter: Dr KAPUSTA, Frédéric

Session Classification: Welcome

Contribution ID: 2

Type: **not specified**

The Photon : A general Introduction

Monday, 9 July 2007 09:15 (40 minutes)

Presenter: Prof. KRAWCZYK, Maria

Session Classification: Introduction

Contribution ID: 3

Type: **not specified**

Inclusive Diffraction and diffractive jets and D^* at HERA

Monday, 9 July 2007 11:15 (25 minutes)

Presenter: Dr SCHAETZEL, Sebastian

Session Classification: Total Cross section and diffraction

Contribution ID: 4

Type: **not specified**

COMPASS spin dependent longitudinal asymmetries on deuteron target

Wednesday, 11 July 2007 14:50 (20 minutes)

Presenter: Dr STOLARSKI, Martin

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 5

Type: **not specified**

Measurement of the gluon polarization of the nucleon at COMPASS

Wednesday, 11 July 2007 15:10 (20 minutes)

Presenter: Dr REGGIANI, Davide

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 6

Type: **not specified**

Transversity measurements at COMPASS

Wednesday, 11 July 2007 15:30 (20 minutes)

Presenter: Dr SCHILL, Christian

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 7

Type: **not specified**

Deeply Virtual Compton Scattering on a Photon and Generalized Parton Distributions in the Photon

Wednesday, 11 July 2007 11:40 (20 minutes)

Presenter: Dr FRIOT, Samuel

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 8

Type: **not specified**

Low-x gluon density and rescattering effects

Wednesday, 11 July 2007 16:40 (20 minutes)

Presenter: Dr HAUTMANN, Francesco

Session Classification: Structure of the photon and of the proton

Contribution ID: 9

Type: **not specified**

The alternative approach to QCD analysis of the structure function F_2 gamma

Wednesday, 11 July 2007 13:50 (20 minutes)

Presenter: Dr HEJBAL, Jiri

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 10

Type: **not specified**

Sense and nonsense on parton distribution functions of the photon

Wednesday, 11 July 2007 10:10 (20 minutes)

Presenter: Dr CHYLA, Jiri

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 12

Type: **not specified**

The Virtual Photon Structure to the Next-to-next-to-leading Order in QCD

Wednesday, 11 July 2007 11:00 (20 minutes)

Presenter: Dr SASAKI, Ken

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 13

Type: **not specified**

Measurement of Leptonic Structure Functions with the L3 detector at LEP

Wednesday, 11 July 2007 11:20 (20 minutes)

Presenter: Dr DEHMELT, Klaus

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 14

Type: **not specified**

High-ET Jets in Photoproduction with implications regarding photon structure

Tuesday, 10 July 2007 09:00 (25 minutes)

Presenter: Dr BUSSEY, Peter

Session Classification: Jets and Inclusive reactions

Contribution ID: 15

Type: **not specified**

Measurement of the Inclusive ep Scattering Cross Section at HERA

Wednesday, 11 July 2007 17:00 (20 minutes)

Presenter: Dr PETRUKHIN, Alexei

Session Classification: Structure of the photon and of the proton

Contribution ID: 16

Type: **not specified**

Resolved Photons and NLO QCD at HERA

Wednesday, 11 July 2007 12:00 (20 minutes)

Presenter: Dr GRINDHAMMER, Guenter

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 17

Type: **not specified**

Proton parton-density-function constraints from Tevatron data on photon and jet production

Wednesday, 11 July 2007 14:30 (20 minutes)

Presenter: Dr KUPCO, Alexander

Session Classification: Structure of the Photon and of the Proton

Contribution ID: **18**

Type: **not specified**

Minijets, soft gluon resummation and photon cross-sections

Monday, 9 July 2007 10:50 (25 minutes)

Presenter: Prof. PANCHERI, Giulia

Session Classification: Total Cross section and diffraction

Contribution ID: 19

Type: **not specified**

Review of inclusive diffraction at HERA and Tevatron

Monday, 9 July 2007 09:55 (25 minutes)

Presenter: Dr SCHOEFFEL, Laurent

Session Classification: Total Cross section and diffraction

Contribution ID: 20

Type: **not specified**

Study of pi pi production in two-photon collisions at Belle

Monday, 9 July 2007 11:55 (25 minutes)

Presenter: Dr UEHARA, Sadaharu

Session Classification: Resonances and Exclusive Processes

Contribution ID: 21

Type: **not specified**

Introduction : Exclusive reactions with photons

Monday, 9 July 2007 11:40 (15 minutes)

Presenter: Dr PIRE, Bernard

Session Classification: Resonances and Exclusive Processes

Contribution ID: 22

Type: **not specified**

Measurements of η_c and η_c' mesons in two-photon process at Belle

Monday, 9 July 2007 13:50 (25 minutes)

Presenter: Dr NAKAZAWA, Hideyuki

Session Classification: Resonances and Exclusive Processes

Contribution ID: 23

Type: **not specified**

QCD factorizations in $\gamma^* \gamma^* \rightarrow \rho^0_L$ ρ^0_L

Monday, 9 July 2007 14:15 (20 minutes)

Presenter: Dr WALLON, Samuel

Session Classification: Resonances and Exclusive Processes

Contribution ID: 24

Type: **not specified**

HERMES Measurements of Hard-Exclusive Processes

Monday, 9 July 2007 14:35 (25 minutes)

Presenter: Dr MARIANSKI, Bohdan

Session Classification: Resonances and Exclusive Processes

Contribution ID: 25

Type: **not specified**

Jlab Measurements of Hard-Exclusive Processes

Monday, 9 July 2007 15:00 (25 minutes)

Presenter: Dr GUIDAL, Michel

Session Classification: Resonances and Exclusive Processes

Contribution ID: 26

Type: **not specified**

Hard-exclusive processes and Transition Distribution Amplitudes

Monday, 9 July 2007 15:25 (20 minutes)

Presenter: Dr LANSBERG, Jean-Philippe

Session Classification: Resonances and Exclusive Processes

Contribution ID: 27

Type: **not specified**

Vector mesons and DVCS

Monday, 9 July 2007 17:10 (25 minutes)

Presenter: Dr KANANOV, Sergey

Session Classification: Resonances and Exclusive Processes

Contribution ID: 28

Type: **not specified**

Probing transversity GPD's in photo and electroproduction of two vector mesons

Monday, 9 July 2007 16:25 (20 minutes)

Presenter: Dr SZYMANOWSKI, Lech

Session Classification: Resonances and Exclusive Processes

Contribution ID: 29

Type: **not specified**

Resonance Search and Production at HERA

Monday, 9 July 2007 16:45 (25 minutes)

Presenter: Dr HOCHMAN, Don

Session Classification: Resonances and Exclusive Processes

Contribution ID: **30**

Type: **not specified**

Prompt photons in DIS and photoproduction

Tuesday, 10 July 2007 09:25 (25 minutes)

Presenter: Dr BROWNSON, Eric

Session Classification: Jets and Inclusive reactions

Contribution ID: 31

Type: **not specified**

Jets and α_s Measurements in DIS

Tuesday, 10 July 2007 09:50 (25 minutes)

Presenter: Dr JIMENEZ, Marcos

Session Classification: Jets and Inclusive reactions

Contribution ID: 32

Type: **not specified**

Multijets in Photoproduction and Multi-Parton Interactions

Tuesday, 10 July 2007 10:15 (25 minutes)

Presenter: Dr KNUTSSON, Albert

Session Classification: Jets and Inclusive reactions

Contribution ID: 33

Type: **not specified**

Latest Results from HERMES on the Nuclear Dependence of Pion, Kaon, and Proton Formation

Tuesday, 10 July 2007 14:20 (25 minutes)

Presenter: Dr MUCCIFORA, Valeria

Session Classification: Jets and inclusive reactions

Contribution ID: 34

Type: **not specified**

Inclusive jet and inclusive charged hadron production

Tuesday, 10 July 2007 11:10 (25 minutes)

Presenter: Dr UJVARI, Balazs

Session Classification: Jets and Inclusive reactions

Contribution ID: 35

Type: **not specified**

D0 Measurement of Triple Differential Photon Plus Jet Cross Section in pp Collisions at 1.96 TeV

Tuesday, 10 July 2007 11:35 (25 minutes)

Presenter: Dr SKACHKOV, Nikolay

Session Classification: Jets and Inclusive reactions

Contribution ID: 36

Type: **not specified**

Theory

Tuesday, 10 July 2007 12:00 (30 minutes)

Presenter: Dr HEINRICH, Gudrun

Session Classification: Jets and Inclusive reactions

Contribution ID: 37

Type: **not specified**

Semi-inclusive electron scattering at CLAS

Presenter: Dr OSIPENKO, Michail

Contribution ID: 38

Type: **not specified**

Ultrapерipheral heavy ion interactions at ATLAS

Wednesday, 11 July 2007 17:40 (20 minutes)

Presenter: Dr POZDNYAKOV, Valeri

Session Classification: Photon and Electroweak boson physics from HERA , RHIC and TeVA-TRON to LHC

Contribution ID: 39

Type: **not specified**

Introductory remarks on Ultraperipheral Heavy Ion Collisions(UPC)

Tuesday, 10 July 2007 14:45 (10 minutes)

Presenter: Dr BAUR, Gerhard

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 40

Type: **not specified**

Photoproduction in ultra-peripheral heavy ion collisions

Tuesday, 10 July 2007 14:55 (30 minutes)

Presenter: Dr NYSTRAND, Joakim

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 41

Type: **not specified**

Recent results of photoproduction in ultraperipheral relativistic heavy ion collisions at STAR

Tuesday, 10 July 2007 15:25 (30 minutes)

Presenter: SEGER, Janet

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 42

Type: **not specified**

High energy quarkonia photoproduction at heavy ion colliders: from RHIC to LHC

Tuesday, 10 July 2007 16:25 (30 minutes)

Presenter: Dr D'ENTERRIA, David

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 43

Type: **not specified**

High energy photoproduction at the LHC

Tuesday, 10 July 2007 17:10 (15 minutes)

Presenter: Dr OVYN, Severine

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 44

Type: **not specified**

High energy photon-photon interactions at the LHC

Tuesday, 10 July 2007 16:55 (15 minutes)

Presenter: Dr PIERZCHALA, Tomasz

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 45

Type: **not specified**

Photon-photon, photon-pomeron, and DPE production of exclusive final states at CDF

Tuesday, 10 July 2007 17:25 (15 minutes)

Presenter: Dr PINFOLD, James L.

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVA-TRON to LHC

Contribution ID: 46

Type: **not specified**

HERA electroweak measurements

Tuesday, 10 July 2007 17:40 (15 minutes)

Presenter: Prof. STELLA, Bruno

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 47

Type: **not specified**

Di-Boson production in ATLAS

Tuesday, 10 July 2007 17:55 (15 minutes)

Presenter: Dr BRODET, Eyal

Session Classification: Photon and Electroweak boson physics from HERA, RHIC and TeVATRON to LHC

Contribution ID: 49

Type: **not specified**

Early Electroweak Measurements with CMS

Contribution ID: 50

Type: **not specified**

Inclusive photon production and photon-jet correlations in hadronic collisions

Tuesday, 10 July 2007 14:00 (20 minutes)

Presenter: Prof. SZCZUREK, Antoni

Session Classification: Jets and inclusive reactions

Contribution ID: 51

Type: **not specified**

The dipole form of the BFKL kernel at NLO

Presenter: Prof. FADIN, Victor S.

Contribution ID: 52

Type: **not specified**

Heavy Flavour Production, QCD, and the Quark-Photon Coupling

Monday, 9 July 2007 17:35 (30 minutes)

Presenter: Dr GEISER, Achim

Session Classification: Charm and Beauty

Contribution ID: 53

Type: **not specified**

Recent results from CDF on b-flavour production and spectroscopy

Monday, 9 July 2007 18:05 (20 minutes)

Presenter: Dr GORELOV, Igor

Session Classification: Charm and Beauty

Contribution ID: 54

Type: **not specified**

Measurement of the Cross Section for Open b Production in Two-photon Interactions at LEP

Monday, 9 July 2007 18:25 (20 minutes)

Presenter: Dr FINCH, Alexander

Session Classification: Charm and Beauty

Contribution ID: 55

Type: **not specified**

Heavy Flavours in photoproduction

Wednesday, 11 July 2007 09:00 (20 minutes)

Presenter: Dr LOIZIDES, John

Session Classification: Charm and Beauty

Contribution ID: 56

Type: **not specified**

Heavy Flavours in DIS

Wednesday, 11 July 2007 09:20 (20 minutes)

Presenter: Dr BOENIG, Marc-Oliver

Session Classification: Charm and Beauty

Contribution ID: **62**

Type: **not specified**

General Overview

Wednesday, 11 July 2007 09:40 (30 minutes)

Presenter: Prof. DEVENISH, Robin

Session Classification: Structure of the Photon and of the Proton

Contribution ID: **63**

Type: **not specified**

Proton pdf QCD fits

Wednesday, 11 July 2007 14:10 (20 minutes)

Presenter: Dr PEREZ, Emmanuelle

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 64

Type: **not specified**

Parton distributions at fixed k_T near $x=1$

Wednesday, 11 July 2007 15:50 (20 minutes)

Presenter: Dr HAUTMAN, Francesco

Session Classification: Structure of the Photon and of the Proton

Contribution ID: 65

Type: **not specified**

Proton pdf constraints from W and Z at Tevatron

Wednesday, 11 July 2007 17:20 (20 minutes)

Presenter: Dr LANCASTER, Mark

Session Classification: Structure of the photon and of the proton

Contribution ID: **66**

Type: **not specified**

Physics with Photons at ATLAS

Wednesday, 11 July 2007 18:00 (20 minutes)

Presenter: Dr PEREZ-REALE, Valeria

Session Classification: Photon and Electroweak boson physics from HERA , RHIC and TeVATRON to LHC

Contribution ID: 67

Type: **not specified**

PLC Introduction

Thursday, 12 July 2007 09:00 (40 minutes)

Presenter: Dr TELNOV, Valeri

Session Classification: PLC Introduction

Contribution ID: 68

Type: **not specified**

From a LEPC to a LHPC : the need for a dedicated photon-photon detector

Thursday, 12 July 2007 09:40 (10 minutes)

Presenter: Dr KAPUSTA, Frédéric

Session Classification: PLC Introduction

Contribution ID: 69

Type: **not specified**

High-Power Picosecond Pulse Recirculation for Inverse Compton Scattering

Thursday, 12 July 2007 10:20 (30 minutes)

Presenter: Dr JOVANOVIĆ, Igor

Session Classification: Linear Collider, Interaction Point and Laser

Contribution ID: 70

Type: **not specified**

Towards a polarized positron source

Thursday, 12 July 2007 10:50 (30 minutes)

Presenter: Prof. ZOMER, Fabian

Session Classification: Linear Collider, Interaction Point and Laser

Contribution ID: 71

Type: **not specified**

Large contribution of the Delbrueck scattering into process of a photon emission in collisions of relativistic nuclei

Thursday, 12 July 2007 11:20 (30 minutes)

Presenter: Prof. SERBO, Valeri

Session Classification: QED processes

Contribution ID: 72

Type: **not specified**

Four fermion production from PLC to LHC

Thursday, 12 July 2007 11:50 (20 minutes)

Presenter: Dr DA SILVA, Wilfrid

Session Classification: QED processes

Contribution ID: 73

Type: **not specified**

Signal of new physics

Presenter: Prof. GODBOLE, Rohini

Contribution ID: 74

Type: **not specified**

ILC/LHC

Thursday, 12 July 2007 14:15 (40 minutes)

Presenter: Dr DE ROECK, Albert

Session Classification: LHC/ILC

Contribution ID: 75

Type: **not specified**

ILC/PLC and LHPC discussion

Thursday, 12 July 2007 15:00 (1 hour)

Presenter: Dr FINCH, Alex

Session Classification: ILC/PLC and LHPC discussion

Contribution ID: 76

Type: **not specified**

Higgs and SUSY

Friday, 13 July 2007 09:00 (40 minutes)

Presenter: Dr MULLHEITNER, Margarete

Session Classification: Higgs and SUSY

Contribution ID: **80**

Type: **not specified**

Experimental Summary

Friday, 13 July 2007 11:05 (40 minutes)

Presenter: Dr MAXFIELD, Stephen J.

Session Classification: Summary Talks

Contribution ID: **81**

Type: **not specified**

Theoretical Summary

Friday, 13 July 2007 11:45 (40 minutes)

Presenter: Prof. CHYLA, Jiri

Session Classification: Summary Talks

Contribution ID: **82**

Type: **not specified**

Direct photon production at RHIC

Tuesday, 10 July 2007 18:10 (25 minutes)

Presenter: Dr BUESCHING, Henner

Session Classification: Jets and inclusive reactions

Contribution ID: **83**

Type: **not specified**

Higgs->gamma gamma in ATLAS

Friday, 13 July 2007 09:40 (25 minutes)

Presenter: Dr PEREZ REALE, Valeria

Session Classification: Higgs and SUSY

Contribution ID: 84

Type: **not specified**

Fermion Polarization at gamma-gamma Collider : A probe of CP properties of Higgs boson

Friday, 13 July 2007 10:05 (30 minutes)

Presenter: Dr SINGH, Ritesh K.

Session Classification: Higgs and SUSY

Contribution ID: 85

Type: **not specified**

Di-jet production in photon-photon collisions at DELPHI

Thursday, 12 July 2007 12:10 (20 minutes)

Presenter: Dr POZDNYAKOV, Valeri

Session Classification: Jets and inclusive reactions