

Welcome to Photon 2013

F. Kapusta¹, G. Pancheri²

¹CNRS/IN2P3/UPMC , LPNHE Paris ²INFN , Frascati

Photon 2013
20 May 2013
LPNHE, Paris

1 Welcome to Photon 2013

2 A bit of history

3 Practical Informations

From Southampton to Paris

After Southampton official withdrawing in september 2012, the IAC agreed to have a Photon Conference in Paris end of may. Requests were sent to various places... So you escaped from :

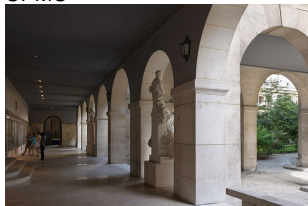
- Hotel de Ville



- Research Ministry "Old Ecole Polytechnique"



- Cordeliers Center "Ecole de Medecine UPMC"





- The LPNHE is mainly involved in LHC experiments (ATLAS, LHCb), the future Linear Collider (CALICE), Astroparticles (AUGER, HESS, CTA) and Cosmology linked to Super Novae Observation and Dark Energy.
LPNHE director R. Pain welcomes you in his lab.

Photon 2013 sponsors :

- The Fundamental Interactions Research Federation (FRIF) director J.B. Zuber.
- The "Physique des 2 Infinis et des Origines" (P2IO) labex.

Photon 2013 flavor :

- choice of conveners.
- conveners choices.

Photon 2013

Paris 20-24 may 2013

1973-2013

International Conference on the Structure and the Interactions of the Photon
including the 20th International Workshop on Photon-Photon Collisions
and the International Workshop on High Energy Photon Linear Colliders

International Advisory Committee

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<https://indico.in2p3.fr/conferenceDisplay.py?confid=7899>



IN2P3
les deux infinis

UPMC
UNIVERSITÉ PARIS VI
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Ifru - CEA Saclay
Institut de recherche
sur les lois fondamentales
de l'univers



Colloque international sur les collisions photon-photon dans les anneaux de stockage électron-positron 3-4 sept. 1973, Collège de France (Paris)



Accueil Tous les numéros Recherche avancée S'identifier comme abonné

Rechercher

1872-1962

J. Phys. Théor. Appl.
Radium (Paris)
J. Phys. Radium
J. Phys. Phys. Appl.

Numéro précédent

Sommaire

Numéro suivant

Le Journal de Physique Colloques

Vol. 35 No. C2 (Mars 1974)

Colloque international sur les collisions photon-photon dans les anneaux de stockage électron-positron / International colloquium on photon-photon collisions in electron-positron storage rings

1963-1990

J. Phys.
J. Physique Lett.
J. Phys. Colloques
J. Phys. Phys. Appl.
Rev. Phys. Appl.
(Paris)

1991-2006

J. Phys. I France
J. Phys. II France
J. Phys. III France
J. Phys. IV France

Current journals

The European
Physical Journal

Pour les lecteurs

Mon compte EDPs
Accès par vol./page
----- Rev

I. EXPÉRIENCES PASSÉES ET FUTURES / I. PAST AND FUTURE EXPERIMENTS

RESEARCHES IN FRASCATI ON THE REACTIONS $e^+ e^- \rightarrow e^+ e^- + X$. THE RESULTS OF THE "YY GROUP" p. C2-1

G. SALVINI

Abstract | PDF file (479.5 KB)

INVESTIGATION OF PHOTON-PHOTON INTERACTIONS BY $e^+ e^-$ BEAMS COLLIDING WITH 2.7 GeV TOTAL ENERGY p. C2-9

F. CERADINI, M. CONVERSI, S. D'ANGELO, M. L. FERRER, L. PAOLUZZI, R. SANTONICO, G. BARBIELLINI, S. ORITO, T. TSURU and R. VISENTIN

Abstract | PDF file (171.0 KB)

EXPERIMENTS ON ELECTROPRODUCTION OF $e^+ e^-$ PAIRS WITH COLLIDING BEAMS AT NOVOSIBIRSK p. C2-15

V. A. SIDOROV

Abstract | PDF file (337.7 KB)

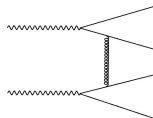
II. EXPÉRIENCES PASSÉES ET FUTURES / II. PAST AND FUTURE EXPERIMENTS

ELECTRON-POSITRON INTERACTIONS AT 5 GeV IN THE CENTER-OF-MASS : BHABHA SCATTERING AND MULTIHADRON PRODUCTION

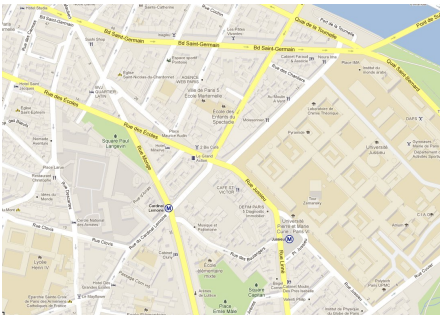
p. C2-21

- 40 years after we have to pay a tribute to the LPC Collège de France Legacy (Paul Kessler group).
- Among them N. Arteaga and C. Carimalo retired recently from LPNHE, currently writing papers related to the Helicity Amplitude computation and the Helicity Coupling techniques extensively used in their past publications and never published.
- QED factorized amplitudes : exact expression of $\gamma\gamma \rightarrow \bar{l}l\bar{L}L$.

- Remember the QCD "Stan" diagram.



- Brodsky-Lepage approach and exclusive processes.
- 1973 : QCD and the 80's with PETRA.
- In France Aurenche and Fontannaz took care of the hadronic photon structure
- Two Photon physics has followed the construction of e^+e^- colliders.



- Sessions will be chaired by conveners.
- Coffee breaks will take place in the cafeteria on 1st floor.
- Lunch on monday : in bistros, restaurants and bakeries (sandwiches) around Jussieu.
- Next days you can go also to l'Ardoise at Jussieu level near Tower 25.
- Wifi : JUPITER Tete2genie005
- For fees payment and any related problem just ask me.

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forthcoming conferences

Davos, Switzerland 20-22 Jun 2006	International Symposium on Nuclear Astrophysics - Nuclei in the Cosmos - IX	Expected in Summer 2006
Cape Town, South Africa 14-Apr 2006	International Workshop on Fast Neutron Detectors and Applications	Expected in Summer 2006
Palermo, Italy 14-Feb 2006	Grid Technology for Financial Modeling and Simulation	Expected in Autumn 2006
Coimbra, Portugal 12-16 January 2006	International Workshop on Top-Quark Physics	Expected in Spring 2006
Debrecen, Hungary 1-2 August 2006	20th Johns Hopkins Workshop on Current Problems in Particle Theory	Expected in Autumn 2006
Bangalore, India 21 Aug - 2 Sep 2005	International Conference on Statistical Mechanics of Fluctuating and Related Interactions	Expected in Winter 2006
Leiden, Portugal 21-27 Jul 2006	HEP2006 International European Conference on High Energy Physics	Expected in Autumn 2006

recent conferences

Baltimore, Maryland 3-6 Jun 2004	20th Johns Hopkins Workshop on Current Problems in Particle Theory	POSL149(204) November 2005
Rome, Italy 10 Nov - 1 Apr 2005	Control Systems: Theory, Numerics and Applications	POSC274(205) November 2005

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all conferences	for organisers	for chairmen
for authors	for all readers	
Invited talks		
Andrea Ferrara	Fast stars and the cosmic dawn	SDMH-2004-abstracts/001.pdf
Luigi Danese	A physical model for formation and evolution of GSOs and of their spheroidal hosts	SDMH-2004-abstracts/003.pdf
Peter Schuecker	Present and future applications of galaxy clusters in cosmology	SDMH-2004-abstracts/007.pdf
Peter Schneider	Weak lensing as a probe of the dark matter distribution	SDMH-2004-abstracts/015.pdf
Andrew Burkert	The structure of cold dark matter halos and the nature of dark matter	SDMH-2004-abstracts/017.pdf
Piero Rosati	Cold and hot baryons in the most distant galaxy clusters	SDMH-2004-abstracts/022.pdf
Sabine Schindler	Interaction of galaxies with the intra-cluster medium and ICM metal enrichment	SDMH-2004-abstracts/023.pdf
Miguel Arzoumanian	Diffuse light in clusters of galaxies	SDMH-2004-abstracts/026.pdf
Angela Iovino	Groups of galaxies	SDMH-2004-abstracts/030.pdf
Bianca Poggiani	Evolution of galaxies in clusters	SDMH-2004-abstracts/035.pdf
Bernd Vollmer	Galaxy evolution in the virgo cluster	SDMH-2004-abstracts/036.pdf
Felix Van den Bosch	The galaxy-dark matter connection	SDMH-2004-abstracts/041.pdf
Reynier Fioletti	The formation of galaxy disc bulges	SDMH-2004-abstracts/066.pdf
Rodrigo Ibaez	The formation of the Milky Way	SDMH-2004-abstracts/069.pdf
Fabrizio Matteucci	Chemical evolution of galaxies and galaxy formation mechanisms	SDMH-2004-abstracts/072.pdf
Contributed talks		
Philippe Rottier	Baryons in the Warm-hot Intergalactic Medium	SDMH-2004-abstracts/082.pdf

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The screenshot shows the PoS website interface. At the top, there's a navigation bar with links: all conferences, for organizers, for chairmen, for authors, for all readers. Below this is a list of authors under the heading 'Invited to PoS'. The authors listed are: Andrea Ferrara, Luigi D'Amico, Peter Schuecker, Peter Schneider, Andreas Burkert, Piero Rosati, Bettina Schindler, Ugo Aravold, Angela Iovino, Bianca Poggiani, Bernd Vollmer, Felix Van den Bosch, Romya Peletier, Rodrigo Ibaez, Francesco Matteucci, and Philippe Rieder. To the right of this list is a preview of a paper titled 'First Stars and the Cosmic Dawn' by A. Ferrara. The preview includes the title, author, and a short abstract. The paper is published in PoS(BDNP2004)001.

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Pentecost : monday wishes



In a way similar to these pictures of special meetings,
I wish us a fruitful and inspiring conference,
on the structure and the interactions of the photon.