



IUPAP *International Union of
Pure and Applied Physics*

CII *Commission of Particles and Fields*

Commission Chair Report - ICHEP 2010

July 26, 2010

Patricia McBride, Fermilab
Chair CII



<http://www.iupap.org/>

International Union of Pure and Applied Physics

To stimulate and facilitate international cooperation in physics and the worldwide development of science.

The International Union of Pure and Applied Physics (IUPAP) was founded in 1922 to stimulate and facilitate international cooperation in physics, and the worldwide development of science.

The mission of IUPAP is to assist the worldwide development of physics, to foster international collaboration in physics, and to assist in the application of physics in solving problems of concern to humanity.

IUPAP Commission on Particles and Fields (C11) - iupapc11.org



<http://www.iupap.org/>

IUPAP Commission C11

- The International Union of Pure and Applied Physics (IUPAP) is composed of ~ 20 commissions representing the areas of physics and 48 member countries
 - C11 is the Commission for Particles and Fields
 - Related Commissions: C4 (Cosmic Rays), C12 (Nuclear Physics), C19 (Astrophysics)
 - Major activity - Sponsorship of international physics conferences
 - more information - www.iupap.org

IUPAP Commission on Particles and Fields (C11) - iupapc11.org



IUPAP C I I Mandate

<http://www.iupap.org/>

*Art 1: To promote the **exchange of information and views** among the members of the international scientific community in the general field of Particles and Fields including:*

- 1. the theory and experiment concerned with the nature and properties of the fundamental constituents of matter and the forces acting between these constituents;*
- 2. the maintaining of liaison with ICFA;*
- 3. the accelerators, detectors and techniques used in these investigations;*
- 4. the industrial applications of relevant technologies.*

*Art 2: To **recommend for Union sponsorship international conferences** which qualify for support under Union regulations...*

*Art 3: To **promote the free circulation of scientists**; to assist conference organizers in ensuring such free circulation and in resolving potential infringements.*

IUPAP Commission on Particles and Fields (C I I) - iupapcii.org



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IUPAP Commission CII

- CII Commission Activities
 - Sponsorship of International Conferences Series
 - ICHEP, Lepton Photon, TIPP, IPAC, Neutrino
 - Working Groups and Reports
 - www.iupap.org/commissions/cii/reports/
 - Awards and Prizes
 - Communication and International Collaboration

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Current Members of CII

<http://www.iupap.org/>

Chair: McBRIDE, PATRICIA (2008) (2005) USA

Vice-Chair: AIHARA, HIROAKI (2008) Japan

Secretary: TAYLOR, GEOFFREY (2008) (2005) Australia

OLCHEVSKI, ALEXANDER (2008) (2005) Russia

LI, WEIGUO (2008) (2005) China

CARITHERS, WILLIAM (2008) (2005) USA

MUELLER, THOMAS (2008) Germany

LE DIBERDER, FRANCOIS R. (2008) France

DOSELLI, UMBERTO (2008) Italy

GREEN, MICHAEL (2008) UK

AGUILAR-BENITEZ, MANUEL (2008) (2005) Spain

GODBOLE, ROHINI (2008) India

HOREJSI, JIRI (2008) Czech Republic

GAZIS, EVANGELOS (2008) Greece

Associate Members: Maria Victoria Foncesca(C19 2009), William Trischuk (2009), Johanna Stachel (C12 2009), Suresh Tonwar(C4 2006)

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2010 IUPAP C I I Young Scientist Prize

<http://www.iupap.org/>

The Commission on Particles and Fields (C I I) of IUPAP Prize recognizes outstanding achievement by young experimental and theoretical particle physicists.

- ***Florencia Canelli***, *Enrico Fermi Institute, University of Chicago; and Fermilab*, for her pioneering contribution to the identification and precision measurements of rare phenomenon through the use of advanced analysis techniques to separate very small signals from large background processes at the Tevatron collider.
- ***Jose Santiago***, *Departamento de Física Teórica y del Cosmos and CAFPE, Universidad de Granada*, for his insight into a number of areas of particle physics including QCD calculations, electroweak physics, gravity theories, extra dimensional models and composite Higgs models.

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ICHEP2010 Poster Awards

➡ IUPAP-CII would like to congratulate the winners of the "ICHEP2010 Poster Awards".

The **first prize** winners are

- ***Luke Corwin and Brendan Casey.***

The **second prize** winners are

- ***Daniel Kaplan and Lars Sonnenschein.***

The poster prize is sponsored by **World Scientific** and **Imperial College Pres.** The **first prize** winners will win **two books** of their choice at the stand at the conference. The **second prize** winners will win **one book** of their choice.

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CII Sponsored Conferences

Neutrino 2010

The XXIV International Conference on Neutrino Physics and Astrophysics

June 14-19, 2010 in Athens, Greece.

Participants: 438;

Asia 11%, Europe 48%, North America 38%, South America 2%



IPAC'10

First International Particle Accelerator Conference

May 23-28, 2010 in Kyoto, Japan.

Participants: 1244;

Asia 42%, Europe 38%, North America, 20%



ICHEP 2010 35th International Conference on High Energy Physics

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Looking ahead to proposed IUPAP sponsored conferences

<http://www.iupap.org/>

- **Technology and Instrumentation in Particle Physics**

- 2nd TIPP 2011 in Chicago, IL 9-14 June
- 3rd TIPP 2014 - site proposals will be considered next year



- **International Particle Accelerator Conference**

- 2nd IPAC 2011 in San Sebastian, Spain 5-9 September 2011
- 3rd IPAC 2012 in New Orleans, Louisiana 20-25 May 2012

- **International Conference on Neutrino Physics and Astrophysics**

- Neutrino 2012 in Kyoto, Japan 4-9 June 2012
- Neutrino 2014 in Boston, USA June 2014

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Future IUPAP CII sponsored conferences

<http://www.iupap.org/>

- 25th International Symposium on Lepton-Photon Interactions
 - **LP 2011** in **Mumbai, India**
 - August 22-27, 2011
- 36th International Conference on High Energy Physics
 - **ICHEP 2012** in **Melbourne, Australia**
 - July 4 -11 2012 - note date change
- Proposals for LP 2013 & ICHEP 2014 were reviewed by CII this week.



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FUTURE IUPAP CII sponsored conferences

- 26th International Symposium on Lepton-Photon Interactions
 - **LP 2013** will be hosted by SLAC in the **USA**

- 37th International Conference on High Energy Physics
 - **ICHEP 2014** will be in Valencia, **Spain**

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ICHEP 2010

- Congratulations and Thank You!

35th International Conference on High Energy Physics

July 21-28, 2010 in Paris, France

www.ichep2010.fr

Participants: >1100;

Many, many thanks to the entire organizer team for arranging this wonderful conference that has brought us all to Paris.



35th International Conference on High Energy Physics



Invitation

Invitation

Rohini M. Godbole and Naba K. Mondal
Co organisers: Lepton Photon 2011

AUGUST --- 22-27 2011

***Tata Institute of Fundamental Research,
Mumbai.***

A

Venue

Homi Bhabha Auditorium
**Tata Institute of
Fundamental
Research, Mumbai**
August 22-27, 2011



Come to India.

Following recent practice in ICHEP2010
No country quotas. You can contact directly the
organisers for an invitation.

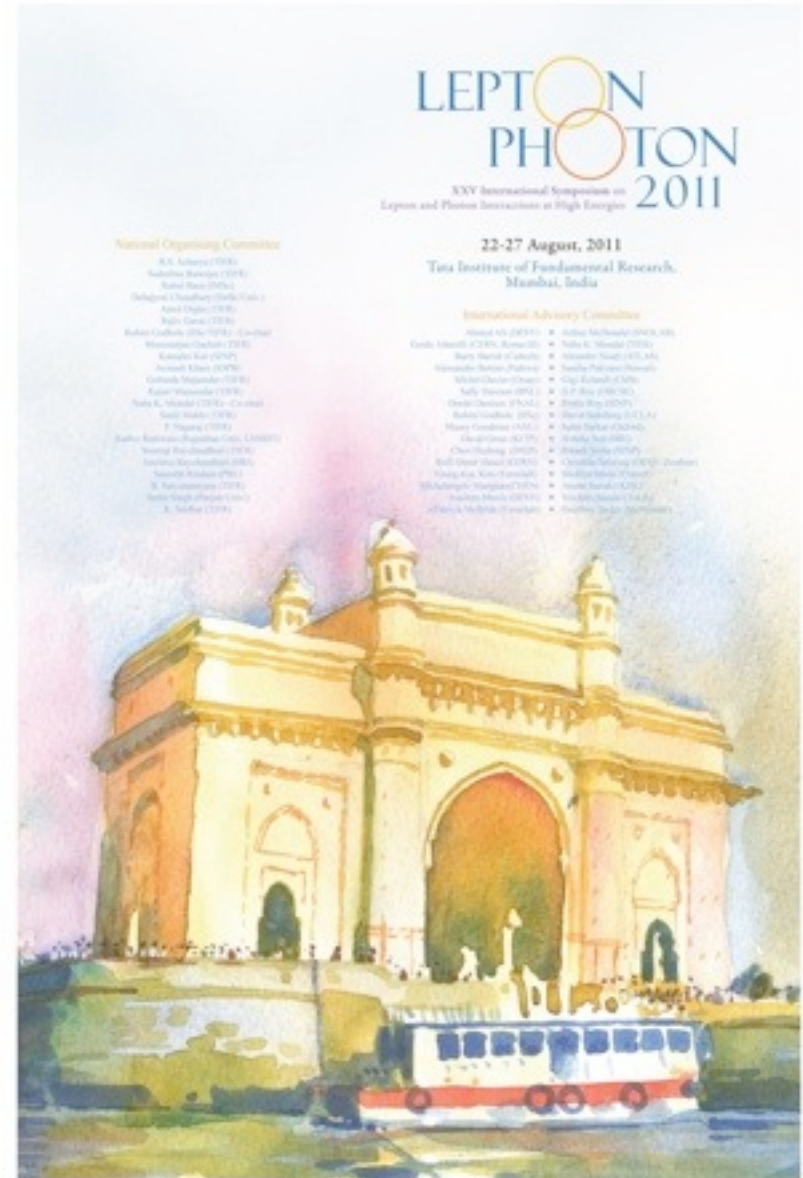
Email: lp11@tifr.res.in

Important part:

**Poster sessions. Clearly plenary talks
alone will not do justice to the exciting
new results .**

**Bring your exciting discoveries to
India**

**Monsoon in Goa/Kerala can be very exciting
holiday :-)**



Homi Bhabha Auditorium @ TIFR



LP11 in India

7/26/10

Monday, July 26, 2010



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We look forward to seeing you
at the Lepton Photon
Symposium in Mumbai
August 22-27, 2011



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More information:

CII Website: iupapcII.org

CII Document database: <http://docdb.fnal.gov/CII/>

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