

C11 Report to IUPAP Commission Chairs and Executive Committee
October 2011
Patricia McBride, Chair C11 Commission

C11 Officers:

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

Vice-Chair: AIHARA, HIROAKI (2008) Japan

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

C11 Members:

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)(2002) India

HOREJSI, JIRI (2008) Czech Republic

GAZIS, EVANGELOS (2008) Greece

C11 Associate Members:

FONCESCA, MARIA VICTORIA - C19 (2009) Spain

TRISCHUK, WILLIAM - ICFA (2009) Canada

STACHEL, JOHANNA - C12 (2009) Germany

TONWAR, SURESH - C4 (2009) India

The XXV International Symposium on Lepton-Photon Interactions (LP 2011) www.tifr.res.in/~lp11 was hosted by TIFR in Mumbai, India from August 22 through August 27, 2011 and was the first major C11 sponsored conference in India. Many new results from the LHC and Tevatron were presented as well as recent results in Dark Matter searches and the neutrino oscillations were presented at this meeting. The 2011 Lepton Photon Symposium attracted nearly 400 participants from around the world. The Symposium ended with a well attended public event with lectures by Albert De Roeck on "The Large Hadron Collider: The Big Bang Machine" and by Subir Sarkar (Oxford) on "Darkness Visible". The next Lepton Photon Symposium will be hosted by SLAC in the San Francisco area in 2013.

The annual meeting of the IUPAP C11 Commission was held on August 21, 2011 at TIFR in Mumbai, India just before before the 2011 Lepton Photon Symposium. At this meeting, the commission reviewed recently sponsored conferences, discussed the upcoming conferences seeking sponsorship, reviewed progress on upcoming conferences and selected the location for the 3rd Technology and Instrumentation in Particle Physics (TIPP) conference.

The 2010 IUPAP C11 Young Scientist Prizes were awarded at the ICHEP 2010

conference in Paris to Florencia Canelli (Enrico Fermi Institute, University of Chicago; and Fermilab) and Jose Santiago (Departamento de Física Teórica y del Cosmos and CAFPE, Universidad de Granada). The 2012 IUPAP C11 Young Scientist Prizes will be awarded at the ICHEP conference in Melbourne. The biennial C11 prizes honor achievement by two young scientists in the fields of experimental and theoretical particle physics. The deadline for nominations for the 2012 prizes will be February 1, 2012.

The International Conference on High Energy Physics (ICHEP) conference series occurs on a two year cycle. The next ICHEP conference is planned to be held in Melbourne, Australia from July 4 - 11, 2012 (www.ichep2012.com.au). This will be the first ICHEP conference held in the Southern Hemisphere. It is expected to be a major event for the field with anticipated new results including results from the LHC.

IUPAP C11 sponsored the 2nd International Particle Accelerator Conference (IPAC) which was held from Sept 4 - 9, 2011 in San Sebastian, Spain. (www.ipac-2011.org) The annual IPAC conference covers accelerator physics and technologies. This international conference series is meant to replace the previously established regional conference series: PAC, EPAC, APAC. The 2011 IPAC conference had about 1100 participants and over 80 industrial exhibitors. The conference was able to support a total of 107 young scientists from all over the world. There was a session for Women in Science and Engineering which was very well attended. The 3rd conference in the new series, IPAC 2012 (ipac12.org) will be hosted in New Orleans from March 20 through 26, 2012 in cooperation with the North American PAC organizers and IEEE.

The second IUPAP sponsored Technology and Instrumentation in Particle Physics (TIPP) conference (conferences.fnal.gov/tipp11) was held from June 9 -14, 2011 in Chicago. The conference attracted about 500 registered participants and more than 400 submitted abstracts. Featured speaker were Dr. William Brinkman from the U.S. Department of Energy Office of Science and Former U.S. Congressman and former Fermilab particle physicist Bill Foster. The meeting included a public lecture about the Large Hadron Collider at CERN by Lyn Evans and a tribute session to Georges Charpak, the 1992 winner of the Nobel Prize in Physics. The next TIPP conference will be held in 2014 and will be held in Amsterdam and hosted by Nikhef.

The XXV International Conference on Neutrino Physics and Astrophysics, Neutrino 2012, (neu2012.kek.jp) is planned for Kyoto, Japan from June 3-9, 2012. This is the major conference in the field of neutrino physics and normally attracts about 400 participants. The previous conference in this series was held in Athens, Greece in 2010 (www.neutrino2010.gr).

The 2013 Lepton-Photon symposium will be hosted by SLAC National Accelerator Laboratory in northern California and the 2014 ICHEP conference will be held in Valencia, Spain.

Summary Table: Proposal from C11 for IUPAP sponsorship of conferences for 2012

C11 Conference	Location	Dates	Type	Website
ICHEP 2012	Melbourne, Australia	July 4-11, 2012	A	www.ichep2012.com.au
Neutrino 2012	Kyoto, Japan	June 3-9, 2012	B	neu2012.kek.jp
IPAC 2012	New Orleans, USA	March 20-26, 2012	B	ipac12.org