

CIPANP 2012 Second Bulletin: 15 November 2011

11th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2012), Renaissance Vinoy Resort and Golf Club, St. Petersburg, FL, May 29 – June 3, 2012

The 11th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2012) will be held at the Renaissance Vinoy Resort and Golf Club, St. Petersburg, FL, May 29 – June 3, 2012.

The objectives of the CIPANP Conferences are to encourage communications among experimental and theoretical elementary particle physicists, nuclear physicists, astroparticle physicists, astronuclear physicists, and cosmologists covering a wide range of topics of current interest.

CIPANP will include plenary, parallel and poster sessions. The plenary session talks and invited parallel session talks will be of 30 minutes duration, including 5 minutes for discussion. Review talks by the Convenors on the parallel session contents will be 25 minutes long, again including 5 minutes for discussion. Other selected parallel session talks will be of 20 minutes duration, including 3 minutes for discussion.

Please see the CIPANP 2012 conference website at <http://cipanp2012.triumf.ca> for full details.

Scientific Program

CIPANP 2012 is organized around the following topics:

- High Energy Frontier
- Low Energy Precision Frontier
- Neutrino Masses and Neutrino Mixing
- Electroweak Tests of the Standard Model
- Cosmic Frontier
- Dark Matter and Dark Energy
- Particle and Nuclear Astrophysics
- Heavy Flavour and the CKM Matrix
- QCD, Hadron Spectroscopy and Exotics
- Hadronic Physics and Spin
- Nucleon Structure
- Nuclear Structure
- Quark Matter and High Energy Heavy-Ion Collisions
- New Facilities and their Instrumentation

The Convenors for the 14 sets of Parallel Sessions corresponding to the above topics are:

- **High Energy Frontier**
Convenors: Oliver Stelzer-Chilton [TRIUMF], Roni Harnik [FNAL]
- **Low Energy Precision Frontier**
Convenors: Chen-Yu Liu [Indiana University], Vincenzo Cirigliano [LANL]
- **Neutrino Masses and Neutrino Mixing**
Convenors: Nikolai Tolich [University of Washington], Carlo Giunti [INFN-Torino]
- **Electroweak Tests of the Standard Model**
Convenors: Joao Guimaraes da Costa [Harvard University],
Ross Young [University of Adelaide]
- **Cosmic Frontier**
Convenors: William C. Wester [FNAL], Nicole F. Bell [Melbourne University]
- **Dark Matter and Dark Energy**
Convenors: Jocelyn Monroe [MIT], Neal Weiner [New York University]
- **Particle and Nuclear Astrophysics**
Convenors: Juan Estrada [FNAL],
Gail McLaughlin [North Carolina State University]
- **Heavy Flavour and the CKM Matrix**
Convenors: Steven Blusk [Syracuse University], Andreas S. Kronfeld [FNAL]
- **QCD, Hadron Spectroscopy and Exotics**
Convenors: Annalisa D'Angelo [INFN-Roma 'Tor Vergata'],
Jozef Dudek [Old Dominion University]
- **Hadronic Physics and Spin**
Convenors: Kawtar Hafidi [ANL], Andreas Metz [Temple University]
- **Nucleon Structure**
Convenors: Michel Guidal [Institut de Physique Nucléaire d'Orsay],
Vladimir Pascalutsa [Universität Mainz]
- **Nuclear Structure**
Convenors: Rituparna Kanungo [Saint Mary's University],
Achim Schwenk [TU Darmstadt]

- **Quark Matter and High Energy Heavy Ion Collisions**
Convenors: Christine Nattrass [University of Tennessee-Knoxville],
William Horowitz [University of Capetown]
- **New Facilities and their Instrumentation**
Convenors: Mike Syphers [NSCL-MSU], Eugene Chudakov [Jefferson Laboratory]

Proceedings

As was done for the previous CIPANP Conferences, arrangements have been made with the American Institute of Physics to publish the CIPANP 2012 Proceedings. Authors are requested to submit the written versions of their talks prior to the deadline of 3 August 2012.

Abstract Submission

Information about submitting a contributed paper/poster abstract (**deadline 24 February 2012**) is available at <http://cipanp2012.triumf.ca>. CIPANP 2012 abstract submission is now open. All abstracts will be reviewed by the two Convenors of the particular topic. Contributors will be informed whether their contributions have been selected for oral presentation in the parallel sessions or accepted as posters by 31 March 2012. Invited plenary session talks and invited parallel session talks will be uploaded to the conference website.

Conference Facilities

Speakers will be requested to upload their talk files to the Indico site where they submitted their abstract at least a day before their scheduled session. Only PDF (preferred) or PowerPoint files will be accepted. For safety, speakers are advised to bring a copy on a USB stick. The conference presentation laptops must be used. The use of personal laptops will not be allowed due to the complexity of the schedule where there will be seven parallel sessions running simultaneously.

Financial Assistance

Information about applying for limited financial assistance to facilitate participation in CIPANP 2012 is available at <http://cipanp2012.triumf.ca>. Priority for financial assistance will be given to the younger scientists (graduate students, postdoctoral fellows, research associates). The deadline for requesting financial assistance is **24 February 2012**.

Registration and Hotel Accommodations

Further information about the CIPANP 2012 scientific and social program, registration, accommodations, area attractions, and the Renaissance Vinoy Resort and Golf Club is also available on the CIPANP 2012 website. The CIPANP 2012 registration and hotel accommodation reservation page is now open.

Important Dates

1 June 2011	First Bulletin
1 October 2011	Abstract Submission begins
15 November 2011	‘Early Bird’ Registration begins
15 November 2011	Second Bulletin – Call for Papers
24 February 2012	Abstract submission deadline for Contributed Papers/Posters
31 March 2012	Scientific Program fixed
31 March 2012	‘Early Bird’ Registration ends
1 April 2012	Standard Registration begins
27 April 2012	Student Early Registration ends
28 April 2012	Student Late Registration begins
16 May 2012	Standard Registration ends
28 May 2012	On-Site Registration begins
28 May – 3 June 2012	CIPANP 2012
3 August 2012	Submission deadline for papers to be included in the Proceedings

Please direct inquiries to the Chair of the Organizing Committee, Dr. Willem T.H. van Oers, at vanoers@triumf.ca