

# NUFACT11

## **XIIIth International Workshop on Neutrino Factories, Super beams and Beta beams**

**1st – 6th August 2011**

**CERN and University of Geneva, Switzerland**

### **Second Bulletin**

The NUFACt workshops on neutrino factories, beta-beam and superbeams, are now established as one of the important yearly neutrino conferences with emphasis on future projects. The main goal is to review the progress, and share the challenges, on the different studies of future neutrino oscillation facilities able to discover and study the mass hierarchy of neutrinos, CP violation in the leptonic sector and possible new phenomena. The workshops are original in that they combine the skills of experimenters, theorists and accelerator physicists.

The XIIIth NUFACt Workshop is organized by CERN and UNIGE and will be held at:  
CERN - 1st, 5th and 6th Aug'11  
UNIGE - 2nd - 4th Aug'11

The workshop chairs are Alain Blondel [alain.blondel@unige.ch](mailto:alain.blondel@unige.ch) and Ilias Efthymiopoulos [ilias.efthymiopoulos@cern.ch](mailto:ilias.efthymiopoulos@cern.ch)

### **Workshop Webpage & Scientific Program**

Please check regularly the Workshop webpage for the latest information and the scientific program: <http://nufact11.unige.ch/>.

### **Workshop aims and questions**

The updated list of goals and questions from the neutrino community as NUFACt11 objectives is posted at: <http://nufact11.unige.ch/workshopquestions.html>.

Please have a look at the questions and feel free to send comments or additional questions to the conference chairs.

### **Round table discussion**

A round table discussion on the theme "Future Neutrino Facilities in the Global Physics Environment" will be held in the CERN auditorium on Monday 1st August at 17:00 after a CERN seminar by Goran Senjanovic on: "Can LHC physics shed light on the neutrino paradigm?"

The round table discussion panel will be chaired by J. Ellis (CERN) with members:

- S. Bertolucci (CERN)
- K. Nishikawa (KEK)
- P. Oddone (Fermilab)
- M. Spiro (CERN Council)
- J. Womersley (STFC)
- T. Nakada (ECFA)
- S. Myers (CERN)
- S. Komanya (ICFA)

has already been prompted a certain number of questions which can be found as material in the workshop web page. They have been asked to themselves ask a number of questions to be answered by the workshop participants

### **Important dates**

The Early Registration deadline has been extended. Please register ASAP by filling the registration form, if you want to benefit from the reduced fee.

Early registration (CHF 350) deadline: **24<sup>th</sup> June 2011 (08:00 Geneva time)**, and payment until **30<sup>th</sup> June 2011**.

Late registration (CHF 450) deadline: **8<sup>th</sup> July 2011 (08:00 Geneva time)**

Abstract submission deadline: **30<sup>th</sup> June 2011**

Contribution submission (uploading): **28<sup>th</sup> July 2011**

### **Abstract submission**

If you wish to submit an abstract for an oral contribution or a poster, please follow the procedure given in the web page and submit your contribution ASAP.

The abstract submission for posters or parallel sessions is aimed at helping the conveners of the working groups and the poster session organizers to set up the program. Assignment will be made essentially on first-come first-served basis. Detailed instructions for the poster session will be communicated with the next bulletin.

### **Transport, general information**

Please refer to the website, under General Information, for details about transport between Geneva Airport, CERN, UNIGE and your hotels. A new tramway line (#18) is connecting now CERN and downtown Geneva. Request for public transport tickets is available through the registration form. For those staying in a hotel downtown Geneva, don't forget to ask at the reception for your public transport free ticket. For those staying at the CERN Hostel, tickets will be available upon your arrival at the reception or provided together with the conference material upon your arrival at the conference.

### **Accessing CERN:**

If not registered at CERN, please remember to ask for an access card through the registration form. You will collect your cards along with the rest of the conference material at the CERN reception, building 33 during opening hours: 8h00-17h45. For arrival outside working hours: please ask the guardian at the main entrance B.

Geneva, June 15, 2011

### **Tourist information**

Here below are few suggestions of things to do/visit during your stay in Geneva.

Fetes de Geneve: <http://www.fetesdegeneve.ch/>

Where to rent a bike in Geneva: <http://www.geneveroule.ch/en/>

### **International Neutrino Summer School INSS 2011**

Please check the INSS 2011 web site <http://dpnc.unige.ch/NeutrinoSummerSchool2011> for updates.

### **Neutrino Factory Near Detector Workshop**

Just before the NuFact11 a workshop for the Near Detector at a future high brilliant neutrino source like the Neutrino Factory will take place (30-31 July at CERN). The workshop will concentrate on physics potential, requirements and design options for such a detector. Current status of simulations will be presented, as well as ongoing R&D and future developments. Check the workshop web page: <https://indico.cern.ch/event/143675> for more information and the program.

Looking forward to seeing you in Geneva!

Alain Blondel, Ilias Efthymiopoulos  
and the NUFACT11 Local Organizing Committee