

Symposium on Theoretical High Energy Physics and Cosmology

December 19-20, 2014

National Centre for Physics, QAU Campus, Islamabad, Pakistan



Introduction

National Centre for Physics (NCP), Quaid-i-Azam University Campus is organizing a two day symposium on Theoretical High Energy Physics and Cosmology from Dec. 19 – 20, 2014. The NCP is relatively a young research Centre established in 2004 and has been successful in establishing a few active research departments in the areas of applied and basic sciences. Among these, the Department of Theoretical Physics is facilitating opportunities of viable research in the domains of theoretical particle physics, condensed matter physics, plasma physics, high energy physics and mathematical physics. The idea of holding the symposium on Theoretical High Energy Physics and Cosmology (THEPC) at NCP is to provide a platform for the local participants to meet and exchange/share scientific knowledge about recent developments in the field of THEP&C. The event consists of Oral talks by local researchers and Video lectures by experts in the field abroad. As such, the activity will serve as a forum where the participants in the field will have a chance to present their research work to the fellow researchers with the possibility of initiating mutual collaborations at national and international level. Participation of junior students has been thought to be useful to introduce them to the exciting field of particle physics and cosmology.

Topics to be Covered

- Standard Model
- Physics Beyond Standard Model
- Physics of Black Holes
- Inflationary Cosmology

Participation

Active graduate & post graduate students, post-doctoral researchers, faculty and research scientists are encouraged to apply for participation. As a rule, travel expenses of the participants should be borne by their home institute. However, partial travel assistance may be provided to selected participants residing outside Islamabad. There will be no registration fee for participation.

How to apply

Online Registration Form can be accessed at: <http://www.ncp.edu.pk>. Application Form should be submitted to Activity Secretariat Email: tpd-office@ncp.edu.pk on or before **December 15, 2014**. All applicants are required to mention their CNIC in the Application Form.

For further Information, Please Contact:

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Oral Talks

Dr. Fayyazuddin
Dr. Asghar Qadir
Dr. Manssor-ur Rehman
Dr. M. Jamil Aslam
Dr. Rizwan Khalid
Dr. Mehnaz Haseeb

Video Talks

Dr. Fernando Quevedo (Italy)
Dr. Michael Green (UK)
Dr. Bruno-El-Bennich (Brazil)
Dr. Ishtiaq Ahmad (Brazil)
Dr. Ali Paracha (Brazil)
Dr. J.P.B.C. de Melo (Brazil)

**Application
Deadline**

Dec. 15, 2014