



The Abdus Salam
**International Centre
 for Theoretical Physics**
 www.ictp.it



Conference on Recent Progress in Quantum Field Theory and String Theory

14 - 19 September 2015
 Yerevan – Armenia

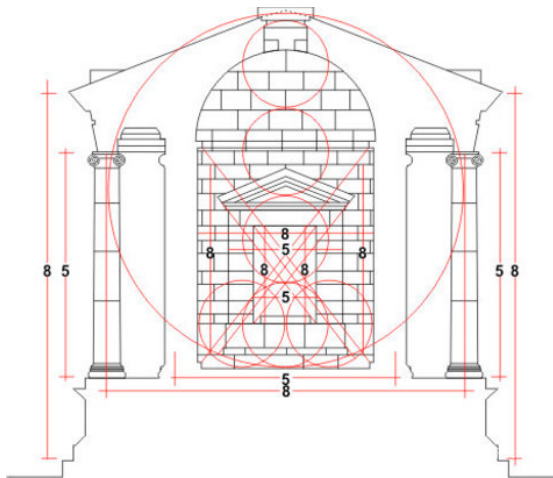
The Abdus Salam International Centre for Theoretical Physics (ICTP, Italy), Yerevan State University and Yerevan Physics Institute will jointly organize a *Conference on Recent Progress in Quantum Field Theory and String Theory*, to be held in Yerevan, Armenia, from 14 to 19 September 2015.

PURPOSE OF THE CONFERENCE

The aim of the conference is to bring together active researchers in mathematical physics, string theory and quantum field theory and to facilitate the scientific exchange between researchers working in different areas.

Last few years have been marked by a progress in our understanding of supersymmetric field theories and by improved command of string theory in nontrivial backgrounds. Gauge/gravity, or AdS/CFT, correspondence provides a meeting ground for these two research directions and will serve as the underlying unifying theme of the conference. General areas of the conference are:

- conformal field theories in various dimensions
- progress in higher-spin gauge theories
- supersymmetric gauge theories and related integrable systems
- geometric aspects of string compactifications, topological strings and mirror symmetry
- AdS/CFT correspondence and its applications



About a quarter of the talks will provide pedagogical reviews of recent developments. For many young participants the conference will represent a unique opportunity to learn about the latest developments in a challenging and exciting area of theoretical physics, and to directly interact with some of the leaders of the field.

The conference will be preceded by a workshop « Supersymmetry in Integrable Systems (SIS) » 9-13 September, Yerevan and followed by a school « Selected Topics in Theoretical High Energy Physics » 21-25 September, Tbilisi, Georgia

PARTICIPATION

Applicants that are members of the United Nations, UNESCO or IAEA may attend. As the Conference will be conducted in English, participants should have an adequate working knowledge of the language.

As a rule, travel and subsistence expenses of the participants are borne by the home institution. Every effort should be made by candidates to secure support for their fare (or at least half fare) from their home country. However, limited funds are available for some participants who are nationals of, and working in a developing country. Such support is available only for those who attend the entire activity. **There is no registration fee to attend the Conference.**

HOW TO APPLY

The application form can be accessed at the Conference website:
<http://indico.ictp.it/event/a14281>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit online the application form **not later than 15 May 2015**. Recommendation letters are not mandatory, but may help you in the admission process.



ORGANIZERS

*Bobby Acharya
 Tigran Hakobyan
 David Karakhanyan
 Ruben Manvelyan
 Ruben Minasian
 Kumar S. Narain
 Armen Nersessian
 Rubik Poghossian
 Armen Saghatelyan
 George Thompson
 (ICTP Local Organizer)*

APPLICATION DEADLINE

15 May 2015

