



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



## Workshop on Geometric Correspondences of Gauge Theories

9-13 September 2013

*ICTP, Miramare - Trieste, Italy*

The Abdus Salam International Centre for Theoretical Physics (ICTP) will organize a *Workshop on Geometric Correspondences of Gauge Theories*, to be held at the ICTP in Trieste, from 9 to 13 September 2013.

The focus of the workshop is on interplays between gauge and string theories, algebraic geometry and integrable systems.

### Topics:

- geometry of moduli spaces
- equivariant quantum cohomology
- integrable systems
- exact results in supersymmetric QFTs on curved spaces
- conformal field theories in two dimensions
- topological strings

*Scientists and Ph.D. students from all countries that are members of the UN, UNESCO or IAEA can attend the Workshop. Although the main purpose of the Centre is to help researchers from developing countries through a programme of training activities within a framework of international co-operation, a limited number of strongly motivated graduate student and post-doctoral scientists from developed countries are also welcome to attend. Limited funds are available for some applicants from developing countries, to be selected by the organizers. Such financial support is available only to those who attend the entire workshop. Every effort should be made by candidates to secure support for their fares (or at least half-fare) from their home country. There is no registration fee for attending the Workshop.*

The online application form for this Workshop is available at:  
[http://cdsagenda5.ictp.trieste.it/full\\_display.php?smr=0&ida=a12205](http://cdsagenda5.ictp.trieste.it/full_display.php?smr=0&ida=a12205)

The closing date for receipt of applications is **31 May 2013**.

Workshop Secretariat (smr2482)  
 c/o Elizabeth Brancaccio  
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March 2013



### Organizers:

**A. Belavin**  
 (Landau ITP - Moscow)

**G. Bonelli**  
 (SISSA & INFN - Trieste)

**L. Goettsche**  
 (ICTP - Trieste)

**K. Narain**  
 (ICTP - Trieste)

**A. Tanzini**  
 (SISSA & INFN - Trieste)

**G. Thompson**  
 (ICTP, Trieste)

### List of Speakers includes:

M. Bershtein

P. Boalch

A. Braverman

B. Feigin

M. Finkelberg

S. Gukov

A. Iqbal

A. Klemm

H. Nakajima

N. Nekrasov\*

L. Rastelli

S. Shatashvili

O. Shiffman

Balázs Szendroi

J. Teschner

\* to be confirmed.

### DEADLINE:

**31 May 2013**