

MODULI SPACES IN ALGEBRAIC GEOMETRY AND MATHEMATICAL PHYSICS

A joint Chern Institute of Mathematics
and SISSA workshop

WHEN

SEPTEMBER 14th TO 18th,
2015

WHERE

Chern Institute of
Mathematics, Nankai
University, Tianjin, China

REGISTRATION AND INFO

<http://modulinspacestianjin2015.altervista.org/index.html>

**TOPICS**

- Geometric representation theory and gauge theories in four dimensions, Hilbert schemes, moduli schemes of framed sheaves and quiver varieties, AGT relations
- Gromov-Witten invariants and mirror symmetry
- Enumerative invariants and gauge theories in six dimensions, stable coherent sheaves on Calabi-Yau three-folds, Donaldson-Thomas/Gromov-Witten correspondence

SPEAKERS

A. Brini (CNRS Montpellier II, France)
G. Carlet (University of Amsterdam, Netherlands)
E. Carlsson (ICTP, Italy)
R. Cavalieri (Colorado State University, USA)
B. Davison (EPFL, Switzerland)
A.-K. Kashani-Poor (LPT-ENS, France)
B. Kim (KIAS, Seoul, Korea)
A. Klemm (University of Bonn and HIM, Germany)
D. Markushevich (Université Lille I, France)
H. Nakajima (Kyoto University, Japan)
A. Negut (Columbia University, USA)
P. Rossi (Institut de Mathématiques de Bourgogne, France)
V. Rubtsov (Université d'Angers, France)
D. Yang (SISSA, Trieste, Italy)

SCIENTIFIC COMMITTEE

Bai Chengming (Chern Institute, Tianjin), Ugo Bruzzo (SISSA, Trieste), Duiliu E. Diaconescu (Rutgers University), Fabio Perroni (University of Trieste), Francesco Sala (University of Western Ontario)

ORGANIZING COMMITTEE

Bai Chengming, Ugo Bruzzo, Francesco Sala

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- Chern Institute of Mathematics
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