



INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

An ICM satellite conference

ALGEBRAIC AND COMBINATORIAL APPROACHES TO REPRESENTATION THEORY

AUGUST 12–16, 2010

Indian Institute of Science,
Bangalore

The algebraic and combinatorial analysis of the representation theory of **Kac-Moody Lie algebras**, **vertex algebras**, **quantum groups** and **Hecke algebras** is an active area of current research due to its applications in many areas of mathematics and physics. This conference will bring together leading international experts working on various aspects of this theme. There will be expository survey talks as well as invited talks on current research developments.

Those interested in attending this satellite conference are requested to follow the instructions on the conference webpage (under the "Details" tab) regarding applying to participate and requesting financial support. A limited number of offers of full financial support, which will cover accommodation, food and local transport will be made. In addition we hope to offer partial support to a further set of applicants. Students and Postdocs working on areas related to the theme of the conference are especially encouraged to apply.

The last date for applications is **May 20, 2010**.

For more information, visit our website:
<http://www.icts.res.in/program/repthy>
or email icm.acart@gmail.com

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INVITED SPEAKERS

Pramod Achar (Louisiana)
Drazen Adamovic (Zagreb)
Shun-Jen Cheng (Acad. Sinica)
Jie Du (UNSW)
Ghislain Fourier (Köln)
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