CFT 2011 - Preparatory Lecture Series (July 11 - 22) for the Conference on Conformal Field Theory

Miranda Cheng
Harvard University
Automorphic Forms in String Theory and Geometry

Geoffrey Mason
University of California, Santa Cruz
Vertex operator algebras and modular-invariance.

Preliminary to the Conference on Conformal Field Theory, Automorphic Forms and Related Topics there will be two lecture series taking place July 11 - 22 at the Mathematics Department. Subjects covered by the lectures are modular forms, vertex operators, denominator formulas and their relations to conformal field theory. This includes an introduction to the mathematical techniques which are underlying the topics of the CFT conference.

The lectures are intended for a broad audience and in particular should address postdocs and mathematical graduate students with some basic knowledge on modular forms. The lectures will enable the participants to take advantage of the conference (September 19 – 23, 2011).

For further information please refer to the Internet site of the CFT 2011 conference at http://www.cft2011.mathi.uni-heidelberg.de/ or contact us at cft2011@mathi.uni-heidelberg.de