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SYZ MIRROR SYMMETRY

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Abstract

Mirror symmetry is a surprising duality predicted from string theory. In mathematics, it is an equivalence between two seemingly unrelated geometries, namely complex geometry and symplectic geometry. In this lecture, I will explain the proposal of Strominger-Yau-Zaslow which describe this duality as a Fourier type transformation along special Lagrangian fibrations.

Date: Monday, June 6, 2011

Time: 14:00

Place: IMBM Seminar Room, Boğaziçi University

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