



istanbul matematiksel bilimler merkezi
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N=2 STRING THEORY AND GAUGE THEORIES: A LOVE STORY

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Abstract

The interplay between (supersymmetric) string and gauge theories has been the origin of numerous discoveries both in physics and mathematics. In this talk, after an introductory pedagogical presentation of these rich connections, I will focus on the description of gauge theory deformations from the string worldsheet, i.e. mass deformations and the refinement of the topological string. In addition, I will outline some holographic applications.

Date : Thursday, March 31, 2016

Time: 14:30

Place: IMBM Seminar Room, Boğaziçi University South Campus