

Title: Topological String Theory I

Date: Jan 18, 2005 02:00 PM

URL: <http://pirsa.org/05010006>

Abstract: In these two lectures I will present an overview of topological string theory, starting with the basic concepts and continuing to the most recent developments. Aspects that will be covered are: closed and open strings, Gromov-Witten theory, matrix models, quantum crystals, and special holonomy manifolds. I will end with some more speculative thoughts about the non-perturbative definition of (topological) string theory and quantum geometry.



