



FEZA GÜRSEY INSTITUTE



An Introductory Course on AdS/CFT Duality

3 JUNE 2008

(9:30 -12:00 / 14:30 - 15:30)

Lecturer

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AdS/CFT duality was discovered by Juan Maldacena in 1997 (Adv.Theor.Math.Phys. 2 (1998) 231, <http://arxiv.org/abs/hep-th/9711200>) and since then it has acquired more than 5000 citations, which shows its significance and applicability. Basically, it relates string/M theory on $(d+1)$ -dimensional anti-de Sitter (AdS) space to a d -dimensional conformal field theory that lives on its boundary. These 3 lectures will be an introduction to this important subject for non-experts. Only some familiarity with Einstein's General Relativity theory and Super Yang-Mills theory will be enough.

Organizer

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