$\mathbf{T}_{\text{EMPLE}} \, \mathbf{U}_{\text{NIVERSITY}} \, \mathbf{G}_{\text{EOMETRY}} \, \mathbf{S}_{\text{EMINAR}}$

Xiaobo Liu

Columbia University

will speak on

Quantization of Teichmüller space

ABSTRACT: We will introduce the motivation to quantize the Teichmüller space and some recent developments. We mainly focus on the algebraic formalism, the representation theory, and the construction of invariants.

TUESDAY, 28 OCTOBER 2008 LECTURE AT 1:10 PM COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM ROOM 617, WACHMAN BUILDING DEPARTMENT OF MATHEMATICS