



HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ

GENEL SEMİNERİ

(HACETTEPE MATHEMATICS GENERAL SEMINAR)

Tarih (Date) : 09.12.2015, Çarşamba (Wednesday)

Saat (Time): 15:00

Yer (Place): Yaşar ATAMAN Seminer Salonu

Konuşmacı (Speaker): Dr. Zhe Sun (Yau Math. Sciences Center, China)

Başlık (Title) : Mirzakharni's topological recursion and higher Teichmuller space

Özet (Abstract) : Maryam Mirzakharni reproved Witten's conjecture (Kontsevich's theorem) via her topological recursion by integratiing over her version of Mcshane's identity relevant to Weil-Petersson form on DM moduli space and its compactification. In this talk, I will represent Maryam Mirzakharn's work and also Francois Labourie's work on higher Teichmuller theory, which leads to conjecturally the existance of Higher moduli space, its compactification and higher generalized Witten's conjecture.

NOT: Konuşma sonunda çay ve pasta ikramı olacaktır.

(P.S. Tea and cookies will be served after the talk.)