****

**HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ**

**GENEL SEMİNERİ**

**(HACETTEPE MATHEMATICS GENERAL SEMINAR)**

**Tarih (Date) :** 29.04.2015, Çarşamba (Wednesday)

**Saat (Time):** 15:00

**Yer (Place):** Yaşar ATAMAN Seminer Salonu

**Konuşmacı (Speaker):** Doç. Dr. Ömer Küçüksakallı (ODTÜ)

**Başlık (Title) :** Value sets of Lattes maps over finite fields

**Özet (Abstract) :** We give an alternative computation of the value sets of Dickson polynomials over finite fields by using a singular cubic curve. Our method is not only simpler but also it can be generalized to the non-singular elliptic case. We determine the value sets of Lattes maps over finite fields which are rational functions induced by isogenies of elliptic curves with complex multiplication.

NOT: Konuşma sonunda çay ve pasta ikramı olacaktır.

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