

NUMBER THEORY SEMINAR



**Dr. Kumar Murty**

University of Toronto

**Friday, August 16, 2013**

**2:00—3:00 pm**

**D630**

***Title:*** Splitting of Abelian Variables

***Abstract:*** It is possible for a simple Abelian variety to factor mod  $p$  for every prime  $p$ . This is similar to the phenomenon of the irreducible polynomial over the integers becoming reducible when reduced modulo any prime. We study this problem, especially its relation to monodromy. This is joint work with Ying Zong.



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