



THE UNIVERSITY OF
CHICAGO

Departments of Mathematics and Statistics
ALGEBRAIC GEOMETRY SEMINAR

KAPIL HARI PARANJAPE

Indian Institute of Science Education and Research, Mohali

Special Calabi-Yau Varieties and Modular Forms

WEDNESDAY, May 28, 2014, from 4:30–6:00 PM

312 Eckhart Hall, 5734 S. University Avenue

ABSTRACT

In this talk, we will examine joint work of the speaker with Dinakar Ramakrishnan where a relation between modular forms and certain special types of Calabi-Yau varieties is explored. We will begin by spelling out the proposed relation and some of the consequences of this. Finally, we will discuss one example in some detail.

Organizers:

For further information on this event, please email Lek-Heng Lim at lekheng@galton.uchicago.edu or Madhav Nori at nori@math.uchicago.edu.

UCAGS Seminar URL: <http://www.stat.uchicago.edu/~lekheng/ag.html>