

Department of Computer Science & Technology

is pleased to invite you for a talk
by

Dr Venu Madhav Govindu, faculty
Department of Electrical Engineering,
Indian Institute of Science, Bangalore

Title of the Talk:

"Geometric Estimation in Computer Vision"

Date & Time:

Thu 25th July 2013 at 3:00 PM

Venue: Department of Computer Science & Technology, New Building

Abstract of the talk:

Geometric representations and models play a key role in many problems of visual perception. In computer vision, we also need to account for the presence of noise or uncertainty associated with the observed data. This talk will describe a few problems that lie at the intersection of geometric representation and statistical inference. I will describe my work on an averaging principle applied to the problem of estimating structure and motion of a 3D scene using images or depth maps. In addition, I will also describe a geometric solution to the problem of higher-order grouping in pattern classification.

For more information about the speaker
visit: <http://www.ee.iisc.ernet.in/new/people/faculty/venu/>

The talk is open for all.