

CENTER FOR COMPUTATIONAL SCIENCES/CENTER FOR ADVANCED VEHICULAR
SYSTEMS/ DEPARTMENT OF MATHEMATICS AND STATISTICS
MISSISSIPPI STATE UNIVERSITY

WORKSHOP

An Introduction to Algebraic Geometry

DR. KEVIN KNUDSON

Department of Mathematics and Statistics
Mississippi State University

Dates: July 31 - August 2, 2006

Time: 9:00 a.m. - 12:00 p.m.

Location: CAVS SEMINAR ROOM

Algebraic geometry has a long and distinguished presence in the history of mathematics that produced both powerful and elegant theorems. In recent years new algorithms have been developed and several old and new methods from algebraic geometry have led to significant and unexpected advances in several diverse areas of application. Motivated by these exciting developments, various activities (<http://www.ima.umn.edu/2006-2007/>) are being organized from September 2006 to June 2007 in algebraic geometry and its applications by the IMA (Institute for Mathematics and its Applications, <http://www.ima.umn.edu/>) at the University of Minnesota. They aim to bring together mathematicians, computer scientists, economists, statisticians and engineers from various disciplines in order to enhance interactions, generate new applications and motivate further progress. Mississippi State University is a Participating Institute of the IMA. This workshop is being organized to provide faculty and students here at MSU an introduction to algebraic geometry and prepare them better to participate in the IMA activities.

There will be a coffee break between 10:30 - 10:45 a.m. each day in the CAVS SEMINAR ROOM.

Contact Hyeona Lim (hlim@math.msstate.edu), Shivaji (shivaji@ra.msstate.edu), or Paul Wang (pwang@cavs.msstate.edu) for additional information.