Session for Young Researchers
in
Commutative Algebra and Algebraic Geometry

on the occasion of the first

INDIA-AMS Meeting

Venue: Department of Mathematics
Indian Institute of Science, Bangalore

December 16, 2003

Organizers: Sudhir R. Ghorpade, Dilip P. Patil, Hema Srinivasan and J. K. Verma

SCHEDULE

09.00 - 09.30	REGISTRATION AND TEA/COFFEE
SESSION I:	Chair: Winfried Bruns
09.30 - 09.50	Leah Gold, Texas A & M University, College Station, USA *A bound for the degree*
10.00 - 10.20	Tony J. Puthenpurakal, IIT Bombay *Resolutions of modules over local rings*
10.30 - 10.50	Vijay Kodyalam, IMSc., Chennai *An application of classical invariant theory to distinguishing isomorphism classes of algebraic objects*
11.00 - 11.30	TEA/COFFEE

Session II: Chair: Marc Chardin

11.30 - 11.50	Futoshi Hayasaka, Meiji University, Japan *Rees algebras of modules over a regular local ring*
12.00 - 12.20	K. N. Raghavan, IMSc., Chennai *Hilbert functions of points on Schubert varieties of maximal isotropic subspaces*
12.30 - 12.50	Manoj Keshari, TIFR, Mumbai *Complete intersection ideals and a question of Nori*
13.00 - 14.30	LUNCH

Session III: Chair: Dilip P. Patil

14.30 - 14.50	T. E. V. Balaji, Göttingen University, Germany *Smoothness of limiting rank 4 Azumaya algebra structures and consequences*
15.00 - 15.20	V. Uma, IMSc., Chennai *K-theory of toric bundles*
15.30 - 15.50	Shripad Garge, HRI, Allahabad *Maximal tori determining algebraic groups*
16.00 - 16.30	TEA/COFFEE

Session IV: Chair: Jürgen Herzog

16.30 - 16.50	Jaya N. Iyer, IMSc., Chennai *Projective normality of abelian varieties*
17.00 - 17.20	Amit Khetan, University of Massachusetts, Amherst, USA *Computation of Toric Residues*