INTERNATIONAL CONFERENCE ON ALGEBRAIC GEOMETRY

in honour of Professor M. S. Narasimhan

December 01 – 03, 2012

December 01, 2012
Saturday

Venue: Lecture Hall – I, Department of Mathematics, IISc, Bangalore

08:30 AM	*Registration*	
09:00 AM – 09:15 AM	**Inauguration by R. Balasubramanian, Director, IMSc**	
09:15 AM – 10:00 AM	Herbert Lange	*Counter - examples of high Clifford index to Prym - Torelli*
10:00 AM – 10:45 AM	R. Parthasarthy	*Modules with non - zero cubic Dirac Cohomology*
10:45 AM – 11:15 AM	**Coffee / Tea Break**	
11:15 AM – 12 Noon	J. M. Drezet	*Primitive Multiple Curves: Classification, Moduli spaces of sheaves and Deformations*
12 Noon – 12:45 PM	Li Jiayu	*Two ways to find holomorphic curves in Kähler surfaces*
12:45 PM – 02:00 PM	**Lunch**	
02:00 PM – 02:45 PM	Shrawan Kumar	*Positivity in T - equivariant K - theory of flag varieties associated to Kac – Moody groups*
02:45 PM – 03:30 PM	T. Ramadas	*Global constructions of holomorphic conformal field theories*
03:30 PM – 04: 00 PM	**Coffee/Tea Break**	
04:00 PM – 04:45 PM	K. H. Paranjape	*Double Covers of the plane and Abelian Surfaces with real multiplication*
04:45 PM – 05:30 PM	Harish Seshadri	*The Kobayashi metric on convex domains*
06:00 PM	***Veena Concert by Ms. Jayanthi Kumaresh at MRC Auditorium, Materials Research Centre, IISc, Bangalore***	

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December 02, 2012
Sunday

Venue: Lecture Hall – I, Department of Mathematics, IISc, Bangalore

09:45 AM – 10:30 AM	G. Trautmann	*Bubble-tree compactification of moduli spaces of vector bundles on surfaces*
10:30 AM – 11:00 AM	**Coffee / Tea Break**	
11:00 AM – 11:45 AM	V. Srinivas	*The holonomic rank problem*
11:45 AM – 12:30 PM	Usha Bhosle	*Narasimhan - Seshadri theorem on nodal curves*
12:30 PM – 02:00 PM	**Lunch**	
03:00 PM – 05: 00 PM	***Felicitation Function for Professor M. S. Narasimhan*** *Venue: MRC Auditorium, Materials Research Centre, IISc, Bangalore*	
05: 00 PM – 05:30 PM	**High Tea**	

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December 03, 2012
Monday

Venue: Lecture Hall – I, Department of Mathematics, IISc, Bangalore

09:00 AM – 09:45 AM	Oscar Garcia – Prada	*Higgs bundles and real forms*
09:45 AM – 10:30 AM	V. Balaji	*Higgs Sheaves on singular curves*
10:30 AM – 11:00 AM	**Coffee / Tea Break**	
11:00 AM – 11:45 AM	Xiatao Sun	*Etale fundamental groups and D-modules in char. p>0*
11:45 AM – 12:30 PM	S. Subramanian	*Torsors on Affine Varieties*
12:30 PM – 02:00 PM	**Lunch**	