TATA INSTITUTE OF FUNDAMENTAL RESEARCH
HOMI BHABHA ROAD, MUMBAI 400 005

SCHOOL OF MATHEMATICS

Conference on
Cohomology of Arithmetic Groups

December 28–31, 2011

DAY/DATE	9.30 a.m.-10.30 a.m.	**T**	11.00 a.m.-12.00 p.m.	12.00 p.m. - 1.00 p.m.	**L**	2.30 p.m.-3.30 p.m.	**T**	4.00 p.m.-5.00 p.m.
Wednesday, Dec. 28	L. Saper$^{@@}$		Mahan Mj$^{@@}$	Arvind Nair$^{@@}$	**U**	N. Bergeron$^{@@}$		J. Tilouine^{++}
Thursday, Dec. 29	A. Lubotzky$^{@@}$	**E**	Kumar Murty$^{@@}$	Vaibhav Vaish$^{@@}$	**N**	J. Rohlfs$^{@@}$	**E**	A. Yafaev$^{@@}$
Friday, Dec. 30	L. Clozel^{++}		M. Harris^{++}	B. Klingler^{++}	**C**	**TBA**		**Felicitation Programme**$^{++}$
Saturday, Dec. 31	T. Kobayashi$^{@@}$	**A**	B. Speh$^{@@}$	M. Rapoport$^{@@}$	**H**		**A**	

L. Saper *Raghunathan's Vanishing Theorem and Applications.*
Mahan Mj *Discreteness of Commensurators.*
Arvind Nair *Mixed Hodge(-de Rham) structures and arithmetic groups.*
N. Bergeron *Hodge type theorems for the cohomology of arithmetic groups of orthogonal type.*
J. Tilouine *Overconvergent Igusa tower and overconvergent p-adic Siegel modular forms.*
A. Lubotzky *Arithmetic groups, Ramanujan graphs and error correcting codes.*
Kumar Murty *TBA*
Vaibhav Vaish *Motivic realization of intersectioncomplexes on compactified Siegel modular varieties.*
J. Rohlfs *Lefschetz numbers and Bianchi groups.*
A. Yafaev *A hyperbolic Ax-Lindemann theorem in the cocompact case.*
L. Clozel *A proof of the Burger-Li-Sarnak conjecture for the Laplacian eignevalues on congruence hyperbolic varieties.*
M. Harris *Gross-Prasad periods and values of L-functions.*
B. Klingler *Symmetric differentials and fundamental group.*
T. Kobayashi *Discrete spectrum for non-Riemannian Locally Symmetric Spaces.*
B. Speh *Restrictions of representations of semisimple Lie groups and the cohomology of arithmetic groups, an overview.*
M. Rapoport *On formal moduli spaces of p-divisible groups.*

The lectures will be held in Lecture Theatre (AG-66)$^{@@}$ & Lecture Room (AG-69)$^{++}$,