

KERALA SCHOOL OF MATHEMATICS

AIS Schemes & Cohomology (2014) : 01-19 December, 2014

TIME TABLE

Tea: 11:00 – 11:30 and 03:30 – 04:00      Lunch: 01:00 – 2:30      Snacks: 05:00 – 05:30					
Day	Date	Lecture1 (09:30-11:00)	Lecture1 (11:30-01:00)	02:30-3:30	04:00 - 05:00
Mon	1/12/2014	KC	KNR	Tutorial / Guest Talk	Tutorial / Guest Talk
Tues	2/12/2014	KC	KNR	-do-	-do-
Wed	3/12/2014	KC	KNR	-do-	-do-
Thu	4/12/2014	KC	KNR	-do-	-do-
Fri	5/12/2014	KC	KNR	-do-	-do-
Sat	6/12/2014	KC	KNR	-do-	-do-
Mon	8/12/2014	KC	MK	-do-	-do-
Tues	9/12/2014	KC	MK	-do-	-do-
Wed	10/12/2014	KC	MK	-do-	-do-
Thus	11/12/2014	KC	MK	-do-	-do-
Fri	12/12/2014	KC	MK	-do-	-do-
Sat	13/12/2014	KC	MK	-do-	-do-
Mon	15/12/2014	AJP	VB	-do-	DSN
Tues	16/12/2014	AJP	VB	-do-	DSN
Wed	17/12/2014	AJP	VB	-do-	DSN
Thus	18/12/2014	AJP	VB	-do-	DSN
Fri	19/12/2014	AJP	VB	-do-	DSN

Speakers:

Name	Affiliation	No. of Lecture	Topic
Krishna Chaitanya (KC),	CMI	6	Derived functors, cohomology of sheaves, cohomology of projective space.(3)
KN Raghavan (KNR),	IMSc	6	Sheaves, schemes, first properties, Morphisms, properness criterion(1)
DS Nagaraj (DSN)	IMSc	5	Fulton-Lazarsfeld connectedness theorems, applications in Brill-Noether theory.(7)
Manoj Kummini(MK)	CMI	6	Sheaves of modules, divisors, Projective morphism, differentials, Bertini theorems(2)
AJ Parameswaran (AJP)	TIFR	5	Higher direct images, flatness, Hilbert polynomial, smooth morphisms.(5)
V Balaji (VB)	CMI	5	Formal function theorem, semicontinuity theorem, connectedness(6)
Krishna Chaitanya (KC)	CMI	6	Ext groups, Serre duality.(4)

Tutorial Assistants:

S. No.	Name	Affiliation
1	Narasimha Chari	CMI
2	Pabitra Barik	IMSc
3	Krishanu Dan	IMSc
4	Rohith Varma	CMI
5	Suratno Basu	CMI