

38th Annual Conference of the Ramanujan Mathematical Society (RMS 2023)
December 22-24, 2023
IIT Guwahati

DAY-1 (December 22, 2023)

22nd Dec	8:00-8:55	9:00-9:10	9:10-10:05	10:05-10:35	10:50-11:50	11:55-12:55	1:00-2:30	2:40-4:00	4:00-4:20	4:20-5:00	5:20-6:15	6:20-7:20
	Registration (Auditorium)	Inauguration (Auditorium)	Plenary 1 (Auditorium)	High Tea (Auditorium)	ST 1, 2 (Core-5)	ST 3, 4 (Core-5)	Lunch (Conference Center)	CT (Core-5)	Tea (Core-5)	CT (Core-5)	Public Lecture (Auditorium)	GBM (Auditorium)

DAY-2 (December 23, 2023)

23rd Dec	9:00-9:55	10:00-10:30	10:45-11:45	11:50-12:50	1:00-2:30	2:40-3:40	3:45-4:05	4:05-4:25	4:25-5:45	6:00-6:55
	Plenary 2 (Auditorium)	Tea (Auditorium)	ST 5, 6 (Core-5)	ST 7, 8 (Core-5)	Lunch (Conference Center)	ST 9, 10 (Core-5)	CT (Core-5)	Tea (Core-5)	CT (Core-5)	Plenary 3 (Auditorium)

DAY-3 (December 24, 2023)

24th Dec	9:00-9:55	10:00-10:30	10:45-11:45	11:50-12:50	1:00-2:30	2:40-3:40	3:45-4:05	4:05-4:25	4:25-5:25	5:40-6:35	6:40-7:00
	Plenary 4 (Auditorium)	Tea (Auditorium)	ST 11, 12 (Core-5)	ST 13, 14 (Core-5)	Lunch (Conference Center)	ST 15, 16 (Core-5)	CT (Core-5)	Tea (Core-5)	CT (Core-5)	Plenary 5 (Auditorium)	Valedictory (Auditorium)

*Auditorium: Dr. Bhupen Hazarika Auditorium *ST: Symposia Talks *CT: Contributory Talks

*Average walking time from Auditorium to Core-5 is 10 minutes

Plenary/Public Talks

Venue: Dr. Bhupen Hazarika Auditorium

(December 22-24, 2023)

Talk	Date	Time	Speaker	Title of the talk
Plenary 1 (Professor R. Balakrishnan's Endowment Lecture) Chair: Anupam Saikia	22 Dec	9:10-10:05	M. S. Raghunathan (CBS Mumbai)	Two Alumni of Loyola College, Chennai
Public Lecture Chair: Jugal Verma	22 Dec	5:20-6:15	K. Ramasubramanian (IIT Bombay)	The History and Historiography of the Discovery of Calculus in India
Plenary 2 Chair: Panchugopal Bikram	23 Dec	9:00-9:55	Kallol Paul (Jadavpur University)	Geomtery of the space of linear operators from the perspective of Birkhoff-James orthgonality
Plenary 3 Chair: Tony J. Puthenpurakal	23 Dec	6:00-6:55	Gurmeet Kaur Bakshi (Panjab University)	Units in integral group rings
Plenary 4 Chair: Anand Sawant	24 Dec	9:00-9:55	Indranil Biswas (TIFR Mumbai)	Nonabelian Hodge Theory
Plenary 5 Chair: Rajen Kumar Sinha	24 Dec	5:40-6:35	Manjunath Krishnapur (IISc Bangalore)	Nodal sets and nodal domains of random eigenfunctions of the Laplacian

Algebraic Geometry

(Venue: Academic Complex - Core 5)

Core-5 class rooms have Green Chalk Boards and Projectors

DAY-1 (December 22, 2023): Symposia Talks				
Symposia	Venue	Time	Speaker	Title of the talk
Algebraic Geometry	5001	10:50-12:55	Omprokash Das (TIFR Mumbai)	Contraction Problem and Minimal Model Program (MMP) of Kahler Varieties
			Buddhadev Hajra (TIFR Mumbai)	Eilenberg-MacLane Spaces in Algebraic Surface Theory
			Tanya Kaushal Srivastava (IIT Gandhinagar)	Derived vs K- vs L-equivalences
			Sanjay Amrutiya (IIT Gandhinagar)	Otabes fundamental group scheme

DAY-2 (December 23, 2023): Symposia Talks				
Symposia	Venue	Time	Speaker	Title of the talk
Algebraic Geometry	5001	10:45-12:50	Neena Gupta (ISI Kolkata)	The Abhyankar-Sathaye Epimorphism Conjecture
			Rahul Gupta (IMSc Chennai)	Kernel of the cycle class map
			Archana Morye (University of Hyderabad)	Grobner basis and its geometric implications
			Sarbeswar Pal (IISER TVM)	Fano manifolds of Picard number one whose co-tangent bundle is algebraically completely integrable system and its endomorphisms
		2:40-3:40	Umesh Dubey (HRI Allahabad)	Semi-Tannakian subcategories of loop quiver bundles
			Gopinath Sahoo (TIFR Mumbai)	Tensor t-structures on the derived categories of schemes

Algebraic Geometry

(Venue: Academic Complex - Core 5)

DAY-3 (December 24, 2023): Symposia Talks				
Symposia	Venue	Time	Speaker	Title of the talk
Algebraic Geometry	5001	10:45-12:50	V. Uma (IIT Madras)	Equivariant Grothendieck ring of flag Bott manifolds
			Jyoti Dasgupta (IIT (ISM) Dhanbad)	Logarithmic connections on toric principal bundles
			Suratno Basu (TCG CREST, Kolkata)	Existence of Ulrich Bundles on some surfaces of general type
			Aditya Subramaniam (IISER Tirupati)	Seshadri constants and curve arrangements

*Each Symposia talk is of 30 minutes duration including discussions