

QMAT2026 Schedule																											
4 July 2026		5:30- 5:15 PM Registration + High Tea								5:30-7:00 PM		Inaugration Talk By G.Baskaran (IMSc Chennai): Blooming Garden of Quantum Matter															
		8:00-9:00 AM	9:00-9:45 AM	9:45-10:15 AM	Hall 1	Hall 2	Hall 3	Hall 4	Hall 5	1:00-2:30		Hall 1	Hall 2	Hall 3	Hall 4	Hall 5	5:30-6:00 PM	6:00-7:00 PM									
5 July 2026	Registration	Hall 1	10:15 AM - 1:15 PM	Topological Quantum Materials and Edge States	2D Moiré Systems, Twistedness and vW Heterostructures	Frustrated Magnetism and Correlated Systems	Non-Equilibrium Dynamics and Many Body Localization	Quantum Transport and Spectroscopy		Lunch	2:30-5:30 PM	Theoretical Models and Methods + Quantum Phase Transitions and Information and Communication	Quantum Phase Transitions and Critical Phenomena	Unconventional Superconductivity and Pairing Mechanism + Quantum Devices: Sensors and Computing	Advanced Materials Synthesis and Characterization	Magnetism and Magnetotransport		Colloquium									
				Session Chair: D D Sarma	Session Chair	Tammy Das	Anindya Das	Pinaki Majumdar	Ariti Garg			Gargee Sharma	Session Chair	Rajdeep Sennarama	Sumilan Banerjee	Amit Ghosal	Pritam Mukhopadhyay		Subhasis Ghosh	Session Chair: Ganpathy Murthy							
				10:15-10:45 AM	Ganpathy Murthy (University of Kentucky)	Rajdeep Sennarama (TIFR Mumbai)	D D Sarma (IISc Bangalore)	Krishnendu Sengupta (IACS Kolkata)	Avradeep Pal (IIT Bombay)			2:30-3:00 PM	Umesh V Waghmare (INCSAR Bengaluru)	Vijay Balakrishna Shetty (IISc Bangalore)	A Sundaresan (TIFR Mumbai)	Anuragum Thirumalvar (TIFR Mumbai)	Svapna K Pati (INCSAR Bengaluru)										
				10:45-11:15 AM	Bahadur Singh (TIFR Mumbai)	Aikar Kabanem (IISER Pune)	Sohrab Bhattacharjee (ICTS Bengaluru)	Mahendran Kumar Verma (IIT Kanpur)	Rahul Sharma (IISER Berhampur)			3:00-3:30 PM	Kedar Jemle (TIFR Mumbai)	Sangram Kumar DAI (CEBS Mumbai)	R Vijayaprasanth (TIFR Mumbai)	Durga Kena (IACS Kolkata)	Deviyan Mahalinge (IACS Kolkata)		Discussion with Speakers with tea & snacks								
				11:15-11:45 AM	Aavishkar Patel (ICTS Bengaluru)	Hridik K Pal (IIT Bombay)	Mayukh Majumder (Shiv Nader University of Hyderabad)	Soumya Bera (IIT Bombay)	Ashirum Soori (University of Hyderabad)			3:30-4:00 PM	Tammya Das (IISc Kolkata)	Mintu Mondal (IACS Kolkata)	Satyajit Banerjee (IIT Kanpur)	Sujit Das (IISc Kolkata)	Rudra Sekhar Manna (IIT Tirupati)		Jaiendra K Jain (Pennsylvania State University): "absolutely mindboggling! wonder than we ever thought"								
				11:45-12:15 PM	Birabar Ranjit Nanda (IIT Madras)	Kaushik Majumder (IISc Bangalore)	Rajni Sarkar (Technical University of Dresden)	Uma Divakaran (IIT Palakkad)	Debabree Chowdhury (IIT Roorkee)			4:00-4:30 PM	Sudipto Singha Roy (IIT ISM) (Dhanud)	Bhavvot Bansal (IISER Kolkata)	Ravi Prakash Singh (IISER Bhopal)	Shikha Verma (IOP Bhubaneswar)	Saravata Bhattacharya (IIT Delhi)										
				12:15-12:45 PM	Surajit Saha (IISER Bhopal)	Prasanna Sahoo (IIT Khargapur)	Manoranjan Kumar (SNBNCIS Bengaluru)	Aradhya Das (IACS Kolkata)	Satyaki Kar (AKPC Mahavishaya)			4:30-5:00 PM	Navaneetha Krishnan Ravichandran (IISc Bangalore)	Bijpal Pal (Nagaland University)	Debmalya Chakraborty (IIT Khargapur)	Sastry Gini (IACS Kolkata)	Sushanta Dasgupta (Sister Nivedita University)										
				12:45-12:55 PM	Amob Kumar Ghosh*	Sudipta Kundu*	Aradhya Saha*	Sourya Sarkar*	Suryya Ghosh*			5:00-5:10 PM	Suditi T*	Binoy Krishna De*	Keerthana Priya G*	Kritika Kant Dabey*											
		12:55-1:05 PM	Shantanu Mahapatra*	Neha Kumar*	Amay Pankar*	Sibram Kundu*	Kanya Vagstad*	5:10-5:20 PM	Bhargyachand D*	Sakari Mondal*	Dhaval Suri (IISc Bangalore)	Parina Gupta*	Narayan Nambodini P*														
		1:05-1:15 PM	Amulya Ratnakar*		Ranjit Kundu*	Revarthy B S*	Shubham Patel*	5:20-5:30 PM	Ravi Kiran*	Anir Hazar*			Manuved Prasad Singh*	Pallavi Saha*													
6 July 2026	Registration	Hall 1	10:15 AM - 1:15 PM	Topological Quantum Materials and Edge States	2D Moiré Systems, Twistedness and vW Heterostructures + Unconventional Superconductivity and Pairing Mechanism	Frustrated Magnetism and Correlated System	Non-Equilibrium Dynamics and Many Body Localization + Theoretical Models and Methods	Quantum Transport and Spectroscopy		Lunch	2:30-5:00 PM	Theoretical Models and Methods + Quantum Phase Transitions and Information and Communication	Quantum Phase Transitions and Critical Phenomena	Unconventional Superconductivity and Pairing Mechanism + Quantum Devices: Sensors and Computing	Advanced Materials Synthesis and Characterization	Magnetism and Magnetotransport		Colloquium									
				Session Chair: A Sundaresan	Session Chair	Bahadur Singh	Tanuja Mohanty	Sohrab Bhattacharjee	Uma Divakaran			Avradeep Pal	Session Chair	Poonam Mehta	Bhavvot Bansal	Ravi Prakash Singh	Kedar Singh		Mayukh Majumder	Session Chair: Brijesh Kumar							
				10:15-10:45 AM	Sourin Das (IISER Kolkata)	Anindya Das (IISc Bangalore)	S M Vigney (BARC Mumbai)	Ari Garg (SNIP Kolkata)	Aveek Bid (IISc Bangalore)			2:30-3:00 PM	Sumathi Rao (IIT Kanpur)	Sumantra Singraji (Pallu University)	Amrit Ghosal (IISER Bengaluru)	Sudipto Chakraborty (IISER Berhampur)	Ashok Ganguli (IISER Berhampur)										
				10:45-11:15 AM	Shovik Chatterjee (TIFR Mumbai)	Chandan Kumar (IISc Bangalore)	Ajit Combhatore (IITR Mumbai)	Raha Dasgupta (University of Chennai)	Sushanta Dasgupta (Sister Nivedita University)			3:00-3:30 PM	Akash Singh (IIT Patna)	Sanday Kumar Ghosh (IIT Kanpur)	Smiti Singh Kushaba (NPL Delhi)	G S Vaidhyanathan (University of Hyderabad)	Poster Session + High Tea										
				11:15-11:45 AM	Saptarshi Mandal (IOP Bhubaneswar)	Akshay Singh (IISc Bangalore)	Govardhan Reddy (Tara Chandrasekhar Vaidyaiahayala)	Sambuddha Sanyal (IISER Tirupati)	Avaladish Narayan (IISc Bangalore)			3:30-4:00 PM	Tammya Paul (TCG CREST)	Abhishek Prakash (HRI Prayagraj)	Paramita Das (PRL Ahmedabad)	Atul Khanna (Guru Nanak Dev University)	Indrani Sarkar (SIST Mohali)		Cultural Programme								
				11:45-12:15 PM	Chandra Shekhar Yadav (IIT Mandi)	Arijit Kundu (IIT Kanpur)	Anubhav Datta (Banarus Hindu University)	Wassem Bihri (Cluster University)	Sudhansu S Mandal (IIT Khargapur)			4:00-4:30 PM	Sharmista Sahoo (IISc Bangalore)	Shradha Sharma (IIT Roorkee)	Chiranjib Mitra (IISER Kolkata)	Tinku Das (IIT Khargapur)	Debjani Kamraker (BARC Mumbai)		Conference Dinner								
				12:15-12:45 PM	Sudipta Kameng (IIT Guu)	Pavan Nakala (IISc Bangalore)	Darshan G Joshi (Hyderabad)	Vivekanand Shukla (IIT Roorkee)	Suryanarayan Jaramalladula (IIT Hyderabad)			4:30-4:40 PM	Aradhya Chakraborty (Rajiv Gandhi University)	Rajiv Kumar*	Ashish Bajpai	Srihitha Sanyal*	Neeti Keswani (SRM University)										
				12:45-12:55 PM	Nirmya Basak*	Ankita Tiwari*	Sourabh Saha*	Moumita Indry*	Sampurna Karmakar*			4:40-4:50 PM	Sobhrajyoti Koley*	Souptika Biswas*	Ashta Baisai	Dinesh Kumar Kedia*	Shantanu Senwal*										
		12:55-1:05 PM	Uditpa Kari*	Vidhal Suri*	Khokan Bhattacharya*	Anubhav Dey*	Jyoti*	4:50-5:00 PM	Souptika Biswas*	Priyanka Karm	Vishal Maurya*	Kusumal Yadav*															
		1:05-1:15 PM	Niket Narendra Shah*		Koyena Bose*	Ishita Modak*	Parvathy Giresan*	5:00-5:10 PM	Vaishnavi Sekar*	Naba Prakash Nayak*	Kamal Yadav*	Tanujana Hazra*															
7 July 2026	Registration	Hall 1	10:15 AM - 1:15 PM	Topological Quantum Materials and Edge States + Unconventional Superconductivity and Pairing Mechanism	2D Moiré Systems, Twistedness and vW Heterostructures	Frustrated Magnetism and Correlated System + Magnetism and Magnetotransport	Non-Equilibrium Dynamics and Many Body Localization	Quantum Transport and Spectroscopy + Unconventional Superconductivity and Pairing Mechanism		Lunch	2:00-6:00 PM	Advanced Materials Synthesis and Characterization + Topological Quantum Materials and Edge States	Frustrated Magnetism and Correlated Systems + Unconventional Superconductivity and Pairing Mechanism	Unconventional Superconductivity and Pairing Mechanism + Quantum Devices: Sensors and Computing	Theoretical Models and Quantum Phase Transitions and Critical Phenomena	Magnetism and Magnetotransport + Frustrated Magnetism and Correlated Systems		Colloquium									
				Session Chair: Sumathi Rao	Session Chair	Chandra Shekhar Yadav	Pintu Das	Manoranjan Kumar	Soumya Bera			Sudhansu S Mandal	Session Chair	Rabindra Nath Mahato	Ashim Pramanik	Yogesh Singh	Sourin Das		Zakir Hossain	Session Chair: Sanjay Pari							
				10:15-10:45 AM	Yogesh Singh (IISER Mohali)	Abir De Sarkar (IISER Mohali)	Indra Dasgupta (IISc Bangalore)	Bhaskar Mukherjee (University of Hyderabad)	Sabroto Mukerjee (IISc Bangalore)			2:00-2:30 PM	Prashant Kumar (IIT Bombay)	Anjan Kumar Gupta (IIT Kanpur)	Sreegith G JISER Pune)	Somitia Saha (Ashoka University)											
				10:45-11:15 AM	Ishani Prasad Handa (Banarus Hindu University)	Swarnp Deb (SNIP Kolkata)	Sugata Ray (IACS Kolkata)	Utkarsh Mishra (University of Delhi)	Pankaj Bhalta (SRM University of Delhi)			2:30-3:00 PM	Chandra Shekhar Prapathi (IIT Patna)	Shovan Datta (RRI Bhubanguru)	Bodhaditya Santra (IIT Delhi)	Rama Sen (MVN Kolkata)	Partha Mitra (IISER Kolkata)										
				11:15-11:45 AM	Ranjan Sengupta (Chennai (Deemed to be Univ))	Shivangi Shree (IIT Patna)	Deepshikha Jawal Neger (IISER Thiruvananthapuram)	Atanu Rajak (IIT Hyderabad)	Bidisha Roy (SAGE University)			3:00-3:30 PM	Deshdeep Salsdev (Quazar Technologies)	Debjay Choudhury (IIT Khargapur)	Phani Kumar Peddibhatla (IISER Bhopal)	Abhisav Vinet Malik (BITS Pilani Goa Campus)	Bijpal Sanyal (Uppsala University)		Poster Session + High Tea								
				11:45-12:15 PM	Arijit Saha (IOP Bhubaneswar)	Ashish Anan (IISER Pune)	Ramesh Chandra Nath (Central University of Rajasthan)	Kaldeep Suthar (Central University of Rajasthan)	Sanjoy Kr Mahatha (UGC-DAE CSR, Indore)			3:30-4:00 PM	Bharat Kumar Allam (Rajiv Gandhi University)	Anup Kumar Bera (BARC Mumbai)	Anwesha Chakraborty (RKMERVI West Bengal)	Srijani Mallik (SNIP Kolkata)	Sayantika Bhoswal (IIT Bombay)		Gour Prasad Das (TCG CREST Kolkata): Modelling Interfaces in Materials and Devices + Merging DFT with ML								
				12:15-12:45 PM	Biswajit Karmakar (SNIP Kolkata)	Sandip Ghosh (TIFR Mumbai)	Samir Nair (IISER Pune)	Abhishek Samanta (IIT Gandhinagar)	Abhishek R Das*			4:00-4:30 PM	Ananya Dogra (NPL Delhi)	Kasturi Mukherjee (IIT Mandi)	Aloyisius R F (NPL Delhi)	Nirmal Ganguly (IISER Bhopal)	Sanjay Singh (IIT BHU Varanasi)										
				12:45-12:55 PM	Acharya Mishra (University of Delhi)	Sabyasachi Mukhopadhyay (SRM University Amravatur)	Hansh Nigam*	Sahilaksha Mukhopadhyay*	Koushik R Das*			4:30-4:40 PM	Gopal K Pradhan (Rajiv Gandhi University)	Ivan Dutta*	Ashok Kumar (NPL Delhi)	Abok Kanjilal (SNIP Kolkata)	P Rambois (Guru Ghaisider Vidyavardayya)										
		12:55-1:05 PM	Amrita Bhowik*	Shashank Meher*	Manipal Singh*	4:40-4:50 PM	Kiriti Bhowik*	Sankalp Kumar*	4:50-5:00 PM	Snehasish Sen*	4:50-5:10 PM	Quantum Design	USNSOU	Sreerath K Mankandan (TIFR Hyderabad)	4:50-5:20 PM	USNSOU	4:50-5:30 PM	Cryogenic	Deblina Samanta*	4:50-5:40 PM	Wiley	4:50-5:50 PM	ACS	4:50-6:00 PM	LaserQuant	Ritu Gupta*	SVS Sai Rithvik*
8 July 2026	Registration	Hall 1	10:15 AM - 1:15 PM	Topological Quantum Materials and Edge States	Magnetism and Magnetotransport	Frustrated Magnetism and Correlated System + Topological Quantum Devices: Sensors and Computing	AI/ML in Quantum Materials Discovery + Quantum Phase Transitions and Critical Phenomena	Quantum Transport and Spectroscopy + Unconventional Superconductivity and Pairing Mechanism		Lunch	2:30-4:30 PM	Magnetism and Magnetotransport	Topological Quantum Materials and Edge States	2D Moiré Systems, Twistedness and vW Heterostructures + Quantum Phase Transitions and Critical Phenomena	Unconventional Superconductivity and Pairing Mechanism + Quantum Devices: Sensors and Computing	Theoretical Models and Methods + Quantum Information and Communication		Concluding Remarks + Award Ceremony + High Tea									
				Session Chair: Shankar Prasad Das	Session Chair	Saptarshi Mandal	Partha Mitra	M A I Ahsan	Sushanta Dasgupta			Aveek Bid	Session Chair	S D Koushik	Panch Ram	Sujit Manna	Koustav Manna		Manish Kumar								
				10:15-10:45 AM	Panch Ram (IIT BHU) Varanasi)	Sourabi Barua (Central University of Punjab)	Vikram Tripathi (TIFR Vaddolara)	Payal Wadwa (IIT Vaddolara)	Abhishek Kumar (IIT Jammu)			2:00-2:30 PM	Zakir Hossain (IIT Kanpur)	Neetu Agrawal (University of Allahabad)	Ajay Soni (IIT Mandi)	Chandan Bera (INST Mohali)	Shishadi Roy (ICTS Bengaluru)										
				10:45-11:15 AM	Shantanu Mukherjee (IIT Madras)	Atindra Nath Pal (SNBNCIS Kolkata)	S D Koushik (BARC Mumbai)	Koushik Pal (IIT Kanpur)	Abhishek Nag (IIT Roorkee)			2:30-3:00 PM	Sandip Chatterjee (IIT BHU) Varanasi)	Debakanta Sahoo (IOP Bhubaneswar)	Mukesh Kumar Thakur (IIT Vaddolara)	Ritu Gupta (IIT Ropur)	Parveen Kumar (IIT Jammu)										
				11:15-11:45 AM	Krunal Dhubich (IIT Palakkad)	Pranab Kishor Mudi (IIT Delhi)	Swarg K Panda (Bennett University)	Raj Kumar Chowdhury (NPL Delhi)	Gargee Sharma (IIT Delhi)			3:00-3:30 PM	Siddhanta Datta (IACS Kolkata)	Krishnam Roychowdhury (SNIP Delhi)	Akio Roy (IIT Mandi)	Kartik Senapati (NSIR Bhubaneswar)	Shishadi Ghosh (IMSc Chennai)										
				11:45-12:15 PM	Jyoti Mandal (Shiv Nader University)	Rajendra Singh Dhaka (IIT Delhi)	Ashutosh Khajuria (VIT Vellore)	Prityanshu Khakha (IISER Pune)	Prityanshu Khakha (IISER Pune)			3:30-4:00 PM	Gargay Mathew (Kohataram Vidyia Kshetram Bangalore)	Saba Gangadhari (IISER Bhopal)	Ayan Khan (Bennett University)	Vishal Ranjan (TIFR Hyderabad)	Malay Kumar Bandyopadhyay (IIT Bhubaneswar)										
				12:15-12:45 PM	Naveen Yadav/ Nivedita Des (University of Delhi)	Sachin Gupta (Bennett University)	Sabitra Sen Gupta (Shiv Nader University)	Prityank Singh (IIT Mandi)	Koushik Sen (IIT Delhi)			4:00-4:10 PM	Shantanu Pathak*	Pritesh Srivastava*	Ayan Mondal*	Chelliyana Thomas Rudreshw S*	Ashtoth Debey*										
				12:45-12:55 PM	Ramesh Kumar*		Ishant*	Vatsala Chhaparwal*	Santa Prasad Jaina*			4:10-4:20 PM	Arvita Dey*	Sayak Bhosmik*	Sankalp Kumar*	Koushik R Das*	Gaurav Redra Malik*										
		12:55-1:05 PM	Manish Kumar*	Sucheta Mondal (Shiv Nader University)	Anderson Sien*	Aakita Marudam*	Harshit Pandey*	4:20-4:30 PM	Priyanka Yadav*		Subrata Pichha*	Paban Kumar Patra*	Ujjarjan Paul*														
		1:05-1:15 PM	Achinyas*		Subhram Kumar Negi*	Chetna Saini*	Poulami Sarkar*																				
* represents oral presentation talks by Post doctoral fellows and PhD students.																											