

11th Annual Meeting of the Indian Chapter of ISMRM					
Scientific Program					
Last Updated: 02/27/2025 06:32:36					
27th Feb, Thursday					
		Auditorium 2		Seminar Room 2	Seminar Room 1
8:00	8:50	Registration			
8:50	9:00	Housekeeping messages			
9:00	9:30	Conference inauguration by our Chief Guest, Dr. D. Nageshwar Reddy, (Padma Vibhushan Awardee, Chairman & Founder of AIG Hospitals)			
		Plenary Session: Metabolic Imaging Moderators - Dr. Senthil S. Kumaran, Dr. Ananth B. Patel			
9:30	10:00	Metabolic Imaging in vivo: Recent Developments and Biomedical Applications Prof. Ravinder Reddy, Ph.D., (Univ. of Pennsylvania)			
10:00	10:30	Cerebral antioxidant defenses in aging and neurodegeneration: Clinical study outcomes Prof. Inyoung-Choi, PH.D.,			
10:30	11:00	High Tea			
		AI in reconstruction and/or post-processing and Diagnosis Moderators: Dr. Phaneendra Yalavarthy, Dr. Manoj Kumar		Metabolic/Biomarker Imaging Moderators: Dr. Ananth B. Patel, Dr. Bejoy Thomas	
11:00	11:25	Clinical experience over 6 months with AI based Scan Acceleration Dr Pranav Mahadeokar, M.D., (Ruby Hall Clinic, Pune)		Advanced SLIM approaches for region-based metabolic mapping and oxygen metabolism in the human brain Prof. Phil Lee, Ph.D., (Univ. of Kansas)	
11:25	11:50	Quantitative Cardiac MRI and Applications of AI Dr. Anup Singh, Ph.D., (IIT Delhi)		Advances in metabolic imaging using MRI and MRS: Insights into pediatric cancers and cancer survivorship Dr. Puneet Bagga, Ph.D., (St. Jude Children's Research Hospital, USA)	
11:50	12:00	Oral Poster Swin UNETR-Based Deep Learning Framework for Automated Blood Vessel Segmentation in Brain Tumor DCE-MRI Anshika Kesari (IIT Delhi)		Oral Poster Cortical Morphometric Differences Between Young-Onset and Late-Onset Parkinson's Disease: A Deformation-Based Approach. Priyanka Bhat (AIIMS, New Delhi)	
12:00	12:25	MRI-Based Diagnosis of Neurodegenerative and Psychiatric Disorders Using Machine Learning Dr. Bharti Rana, Ph.D., (Delhi University)		Magnetic Resonance Elastography and Its Applications Dr. Arunark Kolipaka, Ph.D., (Ohio State Univ, USA)	
12:25	12:40	Sponsored Industry Lecture Philips SmartSpeed: Fast, Flexible and Future proof Rupesh Vakkachikandi Philips Healthcare			
12:40	12:55	Sponsored Industry Lecture Advanced Preclinical Imaging Solutions by Bruker Claudia Oerther Bruker			
13:00	14:00	LUNCH (4th Floor Dining Hall, International Guest House)			
14:00	15:00	Traditional Poster session (Seminar Rooms 3 & 4)		Daily MRI Quiz - Day 1 (13:45 - 14:15), Seminar Room 2	
		Clinical Challenges & Opportunities - 1 Moderators Dr. Abhinav Jain, Dr. Anup Singh			DWI Workshop (Dr. Durgesh K. Dwivedi, Dr. Sudheer Pathak, Dr. Rathish Kumar)
15:00	15:10	Oral Poster Improving the sensitivity in imaging of Central Lymphatics:Optimized MR Lymphangiography using relaxation properties of Chyle Monica Gunasingh (IIT Hyderabad & Philips, India)			
15:10	15:20	Oral Poster Diffusion Tensor Imaging in Pediatric Kidney Transplants Dr. Suraj Serai, Ph.D., (Children's Hospital of Philadelphia, USA)			
15:20	15:45	Unmet needs and challenges in advanced liver imaging- a radiologist's perspective Dr. Gayatri Senapathy, M.D., (KIMS Hyderabad)			
15:45	16:10	Head and Neck Imaging - Update to Innovate Dr. Varsha Joshi, M.D. (Vijaya Diagnostics, Hyderabad)			
16:10	16:30	High Tea			
		Body Imaging Moderators Dr. Yogesh Mariappan, Dr. Amit Mehndiratta		Quantitative Imaging - 1 Moderators: Dr. Harsh Agarwal, Dr. Anup Singh	
16:30	16:55	MR Elastography and Volumetry in pancreas: feasibility and clinical utility - AIIMS Jodhpur experience Dr. Binit Sureka, M.D. (AIIMS Jodhpur)		Beyond Traditional QSM: Deep Learning Approaches for Improved Susceptibility Mapping Dr. Phaneendra Yalavarthy, Ph.D., (Indian Institute of Science, Bengaluru)	
16:55	17:20	Predicting Therapy Response in Breast Cancer Subtypes Using MRI: A Radiogenomic Approach Dr. Jwala, M.D., (Sindhu Hospital, Hyderabad)		Tracking the Invisible: Fiber Disruptions in Traumatic Brain Injury with Diffusion MRI Dr. Sudheer Pathak, Ph.D., (Univ. of Pittsburg, USA)	
17:20	17:45	Novel MRI methods for Liver health assessment Dr. Abhinav Jain, M.D., (Hamdard Inst. Of Med Sciences, New Delhi)		Unmet needs in MR flow imaging Dr. Zhong Liang, Ph.D., (NUS, Singapore)	
17:45	17:55	Oral Poster MRTC: An extensible platform for real-time MR therapy applications Shashank Hegde (Philips Healthcare)		Oral Poster Deciphering Cognitive and Neuro-Metabolic Dysfunctions in Alzheimer's Disease Progression: Evidence from the 5xFAD Model Chaynita Dashora (CCMB, Hyderabad)	
18:00	18:30	Tribute to Dr. Anil Kumar (Auditorium 2)			
End of 1st day's Sessions					
18:30	19:30	ISMRM Indian Chapter's Annual General Body Meeting (Members Only)			
19:30	21:30	Dinner (4th Floor Dining Hall, International Guest House)			

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28th Feb, Friday				
		Auditorium 2	Seminar Room 2	Seminar Room 1
8:00	8:50	Registration		
8:50	9:00	Housekeeping messages		
		Plenary Session: Advances in Neuro-imaging Moderators: Dr. Ramesh Venkatesan, Dr. Abhinav Jain		
9:00	9:30	<i>Cerebral Dural Arteriovenous Fistulas: New Insights on Cognitive Outcome after Embolization Therapy from Advanced Neuroimaging</i> Dr.Bejoy Thomas, M.D., (Sri Chitra Tirunal Institute of Medical Sciences and Technology, Trivandrum)		
9:30	10:00	<i>Impact of advanced MRI techniques on clinical neuroinflammation imaging</i> Dr. Nivedita Agarwal Baroldi, M.D., (La Nostra Famiglia, Italy)		
10:00	10:30	<i>the Highs and Lows of Diffusion MRI at CUBRIC – and Beyond</i> Dr. Derek Jones, Ph.D., (CUBRIC, Cardiff University, UK)		
10:30	11:00	High Tea		
		Clinical challenges & opportunities - II Moderators: Dr. Bejoy Thomas, Dr. Bhairav Mehta	Update on the Indigenous MRI project Moderators: Dr. Amit Mehndiratta, Dr. Sai Ramesh	
11:00	11:25	<i>Challenges and emerging methods in imaging epilepsy</i> Dr. C. Kesavadas. M.D., (Sri Chitra Tirunal Institute of Medical Sciences and Technology, Trivandrum)	<i>Indian MRI Mission: A Homegrown Solution for VIKSIT BHARAT</i> Dr. Tapas Bhuyia, Ph.D., (SAMEER, India)	
11:25	11:50	<i>MRLinac - Opening the doors of Biological guided Radiotherapy</i> Dr. Sai S. Subramanian, Ph.D., (Yashoda Hospitals, Hyderabad)	<i>Strengthening MRI Technology: The Testing of an Indigenous Superconducting MRI Magnet (IMRI)</i> Dr. Soumen Kar, Ph.D., (IUAC, New Delhi)	
11:50	12:00	Oral Poster <i>Integrating Tensor-Based Morphometry with Machine Learning for Diagnosis of SCA12</i> Dr. Bharti Rana, Ph.D., (Delhi Univ.)	Oral Poster <i>Signal to RF Interference Optimal Virtual Channel Estimation for RF Interference Removal</i> Sreevani MV (GE Healthcare)	
12:00	12:25	<i>Utilisation of MR In Radiotherapy - the present and the future</i> Dr. Karthik Rishi, M.D., (Sri Shankara Cancer Foundation, Bengaluru)	<i>Intelligent Diagnostic Workstation for Indigenous Magnetic Resonance Imaging System</i> Dr. Sreenia Francis, Ph.D., (CDAC, Trivandrum)	
12:25	12:40	Sponsored Industry Lecture <i>Recent advancements in clinical MR: AI and UHF wholebody scanner with user-friendly MR pulse programming module</i>		
12:40	12:55	Speakers: Dr. Abhishek Y, Dr Aakash G and Dr Hari B United Imaging		
13:00	14:00	LUNCH (4th Floor Dining Hall, International Guest House)		
14:00	15:10	Poster session (Seminar Rooms 3 & 4)	Daily MRI Quiz - Day 2 (13:45 - 14:15), Seminar Room 2	Sponsored Workshop (14:30 - 15:30 hrs) <i>Post Processing Techniques in Advanced Neuro</i> Sajan I Pious (GE Healthcare)
15:10	15:30	Power Pitches 1 (# 4 power pitches, 5 mins each)		
15:30	16:00	Sponsored Industry lecture <i>Bringing high gradient MRI to the clinic - MAGNETOM Cima.X</i> Florian Kuemmel, Ph.D., Siemens Healthineers		
16:00	16:20	High Tea		
		Session: AI in Radiology Moderators Dr. Anup Singh, Dr. Abhinav Jain	Quantitative Imaging - II Moderators Dr. R. K. Gupta, Dr. Indrajit Saha	
16:20	16:45	<i>Experience with clinical adoption of AI and seeding research in a cooperate hospital</i> Dr. Bharath Agarwal, M.D., (Max Healthcare, New Delhi)	<i>Quantitative body MRI for pediatric applications</i> Dr. Suraj Seral, Ph.D., (Childrens Hospital of Philadelphia, USA)	Sponsored Workshop (16:20 - 18:00 hrs) <i>AI-Driven Clinical Insight Generation using uAI Platform</i> Dr Aakash G., Dr. Hari B (United Imaging)
16:45	17:10	<i>AI Centres of Excellence - An advisory body's perspective</i> Dr. Kshitij Jadhav, Ph.D., (IIT Bombay)	Extracting Small vessel disease neuroimaging biomarkers for detecting neurodegeneration Dr. Vaanathi Sunderasan, Ph.D., (Indian Institute of Science, Bengaluru)	
17:10	17:35	<i>CNN-Based Approaches for 3T to 7T dMRI Transformation and MSMT FODF Reconstruction from Single-Shell Data</i> Dr. Rathish B.V., Ph.D., (IIT Kanpur)	<i>Multiparametric MRI in Neuro and Oncologic Imaging</i> Dr. Durgesh K. Dwivedi, Ph.D., (King George Hospital, Lucknow)	
17:35	17:45	<i>AI-based MRI Reconstruction - Making it Safe</i> Akash Prabakar (Voxelgrids, Bengaluru)	-	
End of 2nd day's Sessions				
18:00	18:10	Boarding the bus for Banquet Dinner		
19:15	21:30	Banquet Dinner @ Onegolf, Gachibowli, Hyderabad (Google location)		
21:30	21:45	Boarding Bus back to IITH Campus		
21:45	22:30	Reaching back to IITH Campus		

11th Annual Meeting of the Indian Chapter of ISMRM				
Scientific Program				
Last Updated: 02/27/2025 06:35:57				
1st March, Saturday				
		Auditorium 2	Seminar Room 2	Seminar Room 1
8:00	8:50	Registration		
8:50	9:00	Housekeeping messages		
		Plenary Session: Updates on New Horizons in MR Moderators: Dr. C. Kesavadas, Dr. Suraj Serai		
9:00	9:30	<i>Low-field portable MRI, the open-source efforts, recent progress, and the future perspectives</i> Dr. Shaoying Huang, Ph.D., (SUTD, Singapore)		
9:30	10:00	<i>Understanding Parkinson's Disease using Magnetic Resonance Techniques</i> Dr. Senthil Kumaran, Ph.D., (AIIMS, New Delhi)		
10:00	10:30	<i>SWI: Brain and Beyond</i> Dr. R. K. Gupta, M.D., (Fortis Memorial Hospital, Gurgaon)		
10:30	10:50	High Tea		
		Advanced MR imaging methods in practice Moderators: Dr. Puneet Bagga, Dr. Durgesh K. Dwivedi		
10:50	11:15	Free-breathing Cardiac MRI - Towards patient-friendly and effortless CMR Dr. Rengarajan, M.D., (AIIMS Jodhpur)		Sponsored Workshop <i>Open Recon</i> Bhairav Mehta, Ph.D., Siemens Healthineers
11:15	11:40	<i>Advances in CEST in imaging</i> Shashank Hegde, Ph.D., (Philips, Bengaluru)		
11:40	12:05	<i>Susceptibility weighted imaging and DSC perfusion in Glioblastomas</i> Dr. Jitender Saini, M.D., (NIMHANS, Bengaluru)		
12:05	12:30	Power pitches (#5 power pitches, 5 mins each)		
12:30	13:00	Sponsored Industry lecture GE Healthcare <i>High Performance Neuro Imaging with SIGNA™ MAGNUS</i> Dr. Ramesh Venkatesan, Ph.D.,		
13:00	14:00	LUNCH (Courtyard-1, International Guest House)		
14:15	15:00	Power pitches (#9 power pitches, 5 mins each)	Daily MRI Quiz - Day 3 (13:45 - 14:15), Seminar Room 2	
15:35	16:15	Awards, Valedictory function & Closing Messages		