



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



DAY 1 - 22 March 2025 (SATURDAY)

	7:45:00 - 8:30 am	Welcome of the Delegates/Registrations and Breakfast	
Session 1	Opening Session		
	8:30 am to 8:50 am	Background of Workshop by Co-Organizers	Prof. Amit Mehndiratta, India and Dr. Rahul Gaurav, France
	8:50 am to 9:00 am	Inauguration	French Ambassador/Health Minister of India/ Prof. Nithin Seth (CEFIPRA Director)
	9:00 am to 9:15 am	Welcome Remarks by Host Institution	Prof. Rangan Banerjee, Prof. Srinivas M, India
	9:15 am to 9:30 am	Welcome Remarks by Guest Institution	Prof. Guillaume Fiquet, Prof. Stéphanie Debette, France
	9:30 to 10:00 am	Round Table on Strategic Plan for Strengthening Indo-French Research and Academic Partnerships	Dr. Edith Gross, Prof. Senthil Kumaran, Prof. Alexandre Escargueil, Dr. Manidipa Banerjee, Dr. Didier Raboisson, Prof. Nithin Seth (Moderator: Dr. Rahul Gaurav)
	10:00 to 10:20 am	Tea Break	
Session 2	Healthcare in India and France		
	Chair: Prof. Srinivasa Kaveri, Director, CNRS, India		
Keynote 1	10:20	Guest of Honour Speech From France	Prof. Stéphanie Debette, Paris Brain Institute, France
Keynote 2	10:45	Keynote Speech: Imaging: Then and Now	Prof. N R Jaganathan, India
Keynote 3	11:05	Keynote Speech: Precision imaging and implications of AI in Brain Disorders	Prof. R.K. Gupta, Fortis Medical and Research, India
	11:35	Discussion	

Keynote 4	11:50	Brain Health: Insights from France	Prof. Marie Vidailhet, AP-HP Sorbonne University Hospital Group, France
Keynote 5	12:10	Brain Health: Insights from India	Prof. Pratima Murthy, National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore, India
	12:20	Discussion	
	12:35 -13:45	LUNCH	
Session 3	Innovative Tools for Brain Disorders (AI and Beyond)		
	Chair: Prof. MVP and Achal Srivastava		
Talk	14:00	Advancements in High Field Magnetic Resonance Imaging	Prof. Stéphane Lehericy, AP-HP Sorbonne University Hospital Group, France
Talk	14:20	AI-Powered Rehabilitation: Robotics, Neuroplasticity, and Customization in Stroke Recovery	Prof. Amit Mehndiratta/ Neha Singh, India
Talk	14:40	Experimental Surgery	Dr. Brian Lau, Paris Brain Institute, France
Talk	15:00	Functional Magnetic Resonance Imaging and Functional Connectivity	Prof. Senthil Kumaran, AIIMS, Delhi, India
	15:20	Discussion	
Talk	15:35	Deep Learning-based Imaging Biomarkers	Dr. Rahul Gaurav, Paris Brain Institute, France
Talk	15:55	Neuroimaging in Clinical Neuropsychiatry	Dr. Rose Dawn Bharat, NIMHANS, Bangalore, India
Talk	16:15	Neurodevelopmental Disorders	Dr. Nadège Roche-Labarbe, Universitof of Caen, Normandy, France
Talk	16:35	Quantitative EEG in ADHD	Dr. Simran Kaur, AIIMS, Delhi, India
	16:55	Discussion	
	17:10	Tea Break	
	19:00 onward	Indo-French Cocktail	

Day 2 - 23 MARCH 2025 (SUNDAY)

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Session 4	Tumor Biomarkers for Diagnosis, Prognosis and Targeted Therapy		
	Chair: Prof. Alexandre Escargueil		
Talk	8:30	Early Detection and Precision Oncology	Dr Pierre Cordelier, Toulouse Cancer Research Center, France
Talk	8:50	Enhancing Breast Cancer Diagnosis and Prognosis	Dr. Ekta Dhamija, India
Talk	9:10	Radiopharmaceutical Therapy in Cancer	Dr. Emmanuelle Jestin, University of Reunion Island, France
Talk	9:30	Prognostic Modeling: Enhancing Accuracy in Survival Predictions	Dr. Agusti Alentorn, Paris Brain Institute, France
	9:40	Discussion	
Session 5	Biomarkers and Translational Research: From Brain to Body		
	Chair: Professor Ajay Garg		
Talk	10:00	CT, MRI, and PET Synergy in Head, Neck, and Whole-Body Imaging: Driving Personalized Medicine and Prognostic Precision	Prof. Nadya Pyatigorskaya, AP-HP Sorbonne University Hospital Group, France
Talk	10:20	Body Imaging: Revolutionizing Diagnostics, Treatment Planning, and Patient Outcomes	Dr. Sonal Krishan, Medanta, India
Talk	10:40	TBA (Organoids)	Dr. Philip Ravassard, Paris Brain Institute, France (TO BE CONFIRMED)
Talk	10:50	Preclinical Studies: Enhancing Translational Research and Animal Models	Dr. Suman Jain, AIIMS, Delhi, India
	11:10	Discussion	
	11:25	Tea Break	
Session 6	Genetic Epidemiology		

	Chair: Dr. Roopa Rajan, AIIMS, Delhi, India		
Talk	11:45	Multi-Ancestry Genome-Wide Association Study of Stroke	Dr. Aniket Mishra, University of Bordeaux, France
Talk	12:05	From Data to Decisions in Genomic Epidemiology: Unravelling Complex Disease Mechanisms	Dr. Faruq (IGIB), India
Talk	12:25	Large-scale Discovery of Novel Shared Genetic Etiology between Stroke and Neurodegenerative diseases	Dr. Ganesh Chauhan, Rajendra Institute of Medical Sciences (RIMS), India
	12:45	Discussion	
	13:00	LUNCH	
	14:00	Poster Visit (Evaluation)	Dr. Vinay Goyal, Prof. Nadya Pyatigorskaya, Dr. Priyanka Bhat, Dr. Nadège Roche-Labarbe
Talk	15:00	TBA	
	15:20	Discussion	
	16:15	Tea Break	
Hands-On	16:30	Hands-On Workshop on Statistical Machine Learning for Digital Health	TBA
	18:30	Dinner	

Day 3- 24 MARCH 2025 (MONDAY)

Session 7	Future of AI and beyond		
	Chair		
Talk	8:30	Keynote: Future of AI in healthcare	Prof. Gérard Biau, SCAI, France
Talk	8:50	Data Augmentation, Synthetic and Data Real-Time AI Applications in Brain Imaging	Dr. Ramesh Venkatesan, Phillips, India
	9:10	AI and Multimodal Neuroimaging: The Convergence of Technologies	Dr. Dileep, United Imaging, India
	9:40	Discussion	
	10:00	Tea break	
Session 8	Digital Age and Digital Health		
	10:20	TBA	
	10:40	Securing Digital Health: Mitigating the Risks of Hacking and Protecting Patient Data	Dr. Maya Cesari, University of Réunion Island, France
	11:00	Atmanirbhar Bharat: Made in India MR systems	Dr. Arjun Arunachalam, India
		TBA	SCAI, Sorbonne Abu Dhabi
	11:20	Discussion	
Session 9	Data Sharing, Ethics and Public Policy		
	Chair:		
Talk	11:35	Ethics of AI in Healthcare: Navigating the Fine Line Between Innovation and Privacy	Dr. Pierre Pouget, Paris Brain Institute, France
Talk	11:55	From Data to Decisions: Building and Training Deep Learning Models for Medical Imaging and Diagnostics	Dr. Yogesh Kannan Mariappan, India

Talk	12:15	Data Sharing, Privacy and Industrial Partnerships	Prof. Philippe Lebaron, France
	12:35	Discussion	
	12:40	Pre-Lunch Open Interaction between Scientists and Students and Vendors-Potential Opportunities	
	13:15:00	LUNCH	
Session 10	Sleep and Wellness, Therapeutic Role of Yoga/Meditation on Health		
	Chair:		
Talk	14:15	Sleep Monitoring: Understanding Its Role in Neuropsychiatric Disorders	Dr. Divya M Radhakrishnan, AIIMS, Delhi, India
Talk	14:35	Cognitive Health: Early Detection and Intervention in Cognitive Decline	TBA
Talk	14:55	Innovative Brain Stimulation Therapies: From Yoga to TMS and DBS in Neuropsychiatric Disorders	Prof. Nand Kumar, India
	15:15	Discussion	
	15:30	Hands-On Workshop: Introduction to Deep Learning Techniques	Dr. Rahul Gaurav, France
	17:00	Abstract Winner Announcements	Dr. Nadège Roche-Labarbe and Prof. Guillaume Fiquet, France
	17:15	Tea Break	
	17:45	Concluding Remarks - Vote of thanks by Organizers: Summary of Key Insights and Action Points	