

Program ICESR-2026		
		Day-1: March 21 (Saturday)
11:00 AM	12:00 PM	Registration
12:00 PM	1:00 PM	Welcoming Remarks (AVR Rao Hall, 2nd Floor)
1:00 PM	2:00 PM	Lunch (Near RBM Hall)
2:00 PM	2:40 PM	Songi Han Hall: RBM (Chair: Peter Z Qin) Flavin Receptors as Biological Qubits for Signal Transduction
		Session-1, Hall: RBM [Chair: Peter Z Qin]
		Session-2, Hall: ANZ [Chair: Abhishake Mondal]
2:40 PM	3:05 PM	Athanassios K Boudalis Magnetolectric Phenomena in EPR: Renaissance and Perspectives
		S V Bhat Magnetic Field Induced Berezinskii-Kosterlitz-Thouless Correlations in 3-Dimensional Manganites: An Uncommon Example of TBKT > TN in Multiferroic TbMnO3
3:05 PM	3:30 PM	Bela Bode Exploring the Limits of Pulse Dipolar EPR Spectroscopy
		Bruker Outreach Program
3:30 PM	3:50 PM	Nimesh Srivastava Non-Uniform Sampling for Pulsed Dipolar Electron Spin Resonance Spectroscopy
		Alexey Bogdanov (Online) Hadamard-Encoded Acquisition for Pulsed EPR Spectroscopy
3:50 PM	4:10 PM	Tea/Coffee Break (Near RBM Hall)
		Session-3, Hall: RBM [Chair: Debamalya Banerjee]
		Session-4, Hall: ANZ [Chair: Manas Seal]
4:10 PM	4:35 PM	Abhishake Mondal Electron Paramagnetic Resonance: Insights into Spin Dynamics of Switchable Magnetic Materials
		Kausikisankar Pramanik Toward Ambient-Stable Radical Complexes via a Metal-to-Ligand Electron Transfer Strategy
4:35 PM	4:55 PM	Fabian Hecker Uncovering a Multispecies Radical Network in UV-Irradiated Pyruvic Acid
		Harichandana Synthesis and Characterisation of Stable Metal-Radical Complexes by EPR Spectroscopy
4:55 PM	5:15 PM	Muralidharan Shanmugam Photo-Chemical and Thermal Generation of Carbon-Dioxide Radical-anion Probed by Spin-trapping EPR Method.
		Lisa Ebo SET – Driven Radical Formation in Nitroaromatics
5:30 PM	6:00 PM	ACERT Outreach Presentation (AVR Rao Hall, 2nd Floor)
6:00 PM	7:00 PM	Jack Freed (online) Keynote Lecture (AVR Rao Hall, 2nd Floor) [Chair: Satish Patil] Making Double Quantum Coherence (DQC) ESR Great Again: An Intrinsically Disordered Protein
7:00 PM	8:00 PM	Cultural Program (AVR Rao Hall, 2nd Floor)
8:00 PM	9:45 PM	Dinner (Near RBM Hall)
		Day-2: March 22 (Sunday)
8:00 AM	9:00 AM	Breakfast (Near RBM Hall)
9:00 AM	10:30 AM	Tutorial-1: Alex Smirnov Basics of EPR Spectroscopy: From Spin Physics to Your First Spectra
10:30 AM	10:50 AM	Tea/Coffee Break (Near RBM Hall)
10:50 AM	11:30 AM	Marina Bennatti Hall: RBM (Chair: John Morton) EPR Spectroscopy at the Interface to NMR: New Experimental Designs for Biomolecular Sciences
		Session-5, Hall: RBM [Chair: John Morton]
		Session-6, Hall: ANZ [Chair: Mrignayani Kotecha]
11:35 AM	12:00 PM	Guinevere Mathies Progress in Pulsed Dynamic Nuclear Polarization
		Tatyana Smirnova Electrostatics of Lipid Interfaces as Assessed by EPR of pH-sensitive Probes
12:00 PM	12:25 PM	Ilya Kuprov Mathematics and Computer Science of Steady State DNP Simulations
		Debamalya Banerjee Insights into Defect Evolution in Nitrogen Incorporated Reduce Graphene Oxide through EPR
12:25 PM	12:45 PM	Pooja Narwal From Electron Spins to Nuclear Detection: Bullet-DNP Enabled Observation of Ligand-Protein Interactions at Low Concentration
		Yann Fichou Lipid-induced Tau Aggregation Investigated by EPR Spectroscopy
12:45 PM	2:00 PM	Lunch (Near RBM Hall)
2:00 PM	2:40 PM	Elena Bagrynskaya Hall: RBM (Chair: Tatyana Smirnova) EPR Spectroscopy to Study the Structure and Dynamics of Biopolymers and pH in Cells
		Session-7, Hall: RBM [Chair: Tatyana Smirnova]
		Session-8, Hall: ANZ [Chair: Siddharth Dhomkar]
2:45 PM	3:10 PM	Peter Z Qin Mechanism of CRISPR Target Discrimination Revealed by Site-Directed Spin Labeling
		Phani Kumar Peddibhotla High-sensitivity Magnetometry Using Optically Addressable Spin Defects in Diamond
3:10 PM	3:30 PM	Manas Seal Peptide-RNA Coacervates for the Evolution of Folded Domains
		Sudipta Khamrui High-field Magic Angle Spinning EPR of P1 Centres in Diamond
3:30 PM	3:50 PM	Alessio Bonucci (Online) Nitroxide Radicals for Structural Investigations Onproteins with in-cell EPR Spectroscopy
		Felix Donaldson Smartphone Enabled Electron Spin Enhance Nanodiamond Diagnostics
3:50 PM	4:10 PM	Tea/Coffee Break (Near RBM Hall)
4:10 PM	4:50 PM	Mrignayani Kotecha Hall: RBM (Chair: Songi Han) EPR Oxygen Imaging and Applications to Biomedical Sciences
		Session-9, Hall: RBM [Chair: Songi Han]
		Session-10, Hall: ANZ [Chair: Ilya Kuprov]
4:55 PM	5:20 PM	Boris Epel EPR Oxygen Imaging: Opportunities and Challenges
		John Morton Coherent Dynamics of Spins in Coupled Silicon Quantum Dots
5:20 PM	5:40 PM	Sankaran Subramanian (Online) RF-FT EPR Imaging – from FID to Tumor Imaging & Oximetry
		Achuthan Manoj Kumar Quantum Coherence of Non-Kramers Electron Spins as Ultrasensitive Quantum Sensors of Angular Vibrations
5:40 PM	6:00 PM	Tufa E Assafa (Online) An Octameric β -Barrel Amyloid Oligomer Stabilized and Detected by Site-Directed Spin Labeling ESR
		High Q Tech Outreach Presentation
6:00 PM	7:45 PM	Poster Session (Near RBM Hall)
8:30 PM	10:30 PM	Gala Dinner (JVH lawn)
		Day-3: March 23 (Monday)
8:00 AM	9:00 AM	Breakfast (Near RBM Hall)
9:00 AM	10:30 AM	Tutorial-2: Ilya Kuprov Time Domain Simulation and Optimal Control of ESR Systems
10:30 AM	10:50 AM	Tea/Coffee Break (Near RBM Hall)
10:50 AM	11:30 AM	Aharon Blank (Online) Hall: RBM (Chair: Alex Smirnov) Compact Pulsed ESR Systems – Status and Applications
		Session-11, Hall: RBM [Chair: Alex Smirnov]
		Session-12, Hall: ANZ [Chair: Yann Fichou]
11:35 AM	12:00 PM	Thorsten Maly Precise Control of Spin States at Q-Band Frequencies
		Christos Pilotas Applications of Pulsed EPR Spectroscopy to Understand Membrane Protein Structure and Dynamics
12:00 PM	12:25 PM	Claudia Avalos Transient EPR and Photophysics of Pentacene-Radical Dyads
		Antonio J. Costa-Filho Biomolecular Condensates as a Common Player in Protein Secretion on and Golgi Organization: Insights from GRASP Proteins
12:25 PM	12:45 PM	Suchetana Bandyopadhyay Controlling Spin Dynamics in Intramolecular Singlet Fission via Torsional Modulation
		Murugesan Velayutham EPR Application in Antibody Based Drug Development and Therapeutics
12:45 PM	2:00 PM	Lunch (Near RBM Hall)
2:00 PM	2:40 PM	Arnab Dutta Hall: RBM (Chair: Thorsten Maly) Unrveling Multielectron CO2 Reduction Mechanisms through Direct Observation of Reactive Intermediates by EPR Spectroscopy
		Session-13, Hall: RBM [Chair: Thorsten Maly]
		Session-14, Hall: ANZ [Chair: Kausikisankar Pramanik]
2:45 PM	3:10 PM	Alex Smirnov Frequency and Bandwidth Agile Photonic Band Gap Resonators for Pulse ESR at 35 GHz and Higher Frequencies
		Daniel Reta Unlocking Nitroaromatic Radicals: Formation and Reactivity
3:10 PM	3:30 PM	Boris Dzikovski A New Set of Distance Rulers for Pulse Dipolar Spectroscopy
		Kartik Chandra Mondal Characterization of Isolated Metal-dithiolene Radical Complexes by ESR Spectroscopy
3:30 PM	5:00 PM	Poster Session with Tea and Coffee (Near RBM Hall)
5:00 PM	6:15 PM	Interational EPR (ESR) Society-Annual General Meeting (AVR Rao Hall, 2nd Floor)
6:15 PM	7:15 PM	Awards and Valedictory session (AVR Rao Hall, 2nd Floor)
7:15 PM	9:00 PM	Dinner (Near RBM Hall)
		Day-4: March 24 (Tuesday)
6:00 AM	10:30 PM	Mysore Trip