



**NCVPRIPG 2024**

18<sup>th</sup> - 20<sup>th</sup> July

Indian Institute of Space Science and Technology-Thiruvananthapuram

Jointly Organized by:



## PROGRAM SCHEDULE

**Day3: July 20, 2024 (Saturday)**

Time	Event
09:00 - 09:50	<b>Plenary Talk:</b> Controlling diffusion model generation to user constraints <i>Balaji Vasan Srinivasan, Adobe</i> (Venue: MPH, SAC)
10:00 - 11:25	<b>Workshop:</b> Synthetic Data for Advancements in Contactless Hand Biometrics and Gesture Analysis (Syn-CHBGR 2024) <b>10:00 - 10:40 Keynote Lecture</b> <i>Prof. Santanu Chaudhury, IIT-J</i> <b>10:45 - 11:25 Keynote Lecture</b> <i>Dr. Balvinder Singh, Samsung R&amp;D</i> (Venue: MPH, SAC)
11:30 - 13:00	<b>Industry Panel Discussion:</b> The Rise of Language Models: Opportunities and Challenges for the Job Market in India <b>Speakers:</b> <i>Sharada Acharya, Google</i> <i>Raghavan Muthuregundanathan, LinkedIn</i> <i>Pranjul Yadav, Google</i> <i>Anuj Phadke, Netflix</i> (Venue: MPH, SAC)
13:00 - 14:00	<b>Lunch Break</b>
14:00 - 16:00	<b>Workshop:</b> Synthetic Data for Advancements in Contactless Hand Biometrics and Gesture Analysis (Syn-CHBGR 2024) <b>14:00 - 14:40 Keynote Speech</b> <i>Somjit Amrit, iHub</i> <b>14:45 - 15:30 Keynote Speech</b> <i>Prof. Vivek Kanhagad, IIT-Indore</i>

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Time	Event
	<p><b>15:30 - 16:00</b> Felicitation of Keynote speakers and Session Chairs followed by vote of thanks  <i>Dr. Arnav Bhavsar, IIT-Mandi</i>  <i>Dr Aditya Nigam, IIT-Mandi</i>  (Venue: MPH, SAC)</p> <p><b>15:00 - 16:00</b> Neural Correlates of Emotions  <i>NIMHANS</i>  (Venue: Council Hall)</p>
16:00 - 17:50	<p><b>Invited Research Talks Session 2</b></p> <p><b>16:00 - 16:20</b> Beyond 2D: Advances in Graphs and 3D with Geometric Machine Learning  <i>Dr. Charu Sharma, IIIT-H</i></p> <p><b>16:20 - 16:40</b> Kathakali Mudra Recognition: Leveraging Pose Estimation and Pattern Recognition Techniques  <i>Dr. Nandini J. &amp; Kavitha, IIIT-K</i></p> <p><b>17:40 - 17:50</b> Inverse Problems and Medical Imaging  <i>Pavan Reddy, TCS Research</i></p> <p><b>16:40 - 17:40</b> Sponsor Talks</p> <p><i>Ihub Drishti, IIT-J</i>  <i>Ihub Data, IIIT-H</i>  <i>Sunny, DRDO</i>  <i>NUGENIX</i>  (Venue: MPH, SAC)</p> <p><b>Workshop: AI for 6G Networks</b></p> <p><b>16:00 - 16:10</b> 6G and India: The way forward.  <i>Dr. B. S. Manoj, IIST</i></p> <p><b>16:10 - 16:25</b> Resource allocation problems in modern wireless networks.  <i>Dr. Vineeth B. S., IIST</i></p> <p><b>16:25 - 16:40</b> Introduction to AI and its applications.  <i>Dr. Deepak Mishra, IIST</i></p> <p><b>16:40 - 16:55</b> Integrated Sensing and Communication System  <i>Dr. Vani Devi, IIST</i></p> <p><b>16:55 - 17:10</b> Evolution of Localization Techniques from Sensor Networks to 6G  <i>Dr. Bodhibrata Mukhopadhyaya, IIT Roorkee</i></p> <p><b>17:10 - 17:20</b> Semantic Communication in random access: Frameless ALOHA and age of information  <i>Minha Mubarak, IIST</i></p> <p><b>17:20 - 17:30</b> Semantic Communication for modern networks: Age of information for multihop networks.  <i>Nibin Raj, IIST</i></p> <p><b>17:30 - 17:40</b> On the Road to 6G: Trends, Technologies and Challenges  <i>Sruthi N. T., IIST</i></p>

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Time	Event
	17:40 - 17:50 Handover management in 6G integrated satellite networks. Neethu Sajeev, IIST (Venue: Council Hall)
17:50 - 18:10	Valedictory Function

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