



NCVPRIPG 2024

18th - 20th July

Indian Institute of Space Science and Technology-Thiruvananthapuram

Jointly Organized by:



PROGRAM SCHEDULE

Day2: July 19, 2024 (Friday)

Time	Event
09:00 - 09:50	<p>Plenary talk: Future Cameras <i>Prof. Shree K Nayar, Columbia University</i> (Venue: MPH, SAC)</p>
10:00 - 13:00	<p>Workshop: AI/ML-CV in Space Science and Technology</p> <p>10:00 - 10:40 Computer Vision in Planetary Landing Missions with emphasis on Chandrayaan Missions <i>Suresh K., SAC-ISRO</i></p> <p>10:40 - 11:20 Evolution of AI/ML Role in Earth Observation Analytics for Building Scalable Applications <i>Rashmit Singh Sukhani, SatSure Analytics</i></p> <p>11:25 - 12:05 Satellite Remote Sensing Data Analysis using Artificial Intelligence & Machine Learning <i>Dr. P. Manjusree, NRSC-ISRO</i></p> <p>12:05 - 12:25 Vision & DNN based pose estimation techniques for robotics applications and RLVs <i>Jyothish M, IISU-ISRO</i></p> <p>12:25 - 12:35 Quality Inspection of Crimp Joints using CV & AI <i>Sujo Joseph K, VSSC-ISRO</i></p> <p>12:35 - 12:45 Automated Sign Check verification using Computer Vision <i>Mijaz Mukundan, VSSC-ISRO</i></p> <p>12:45 - 1:15 Seeing Beyond: The future of Space Exploration with Computer Vision <i>Discussion Panelists E. S. Padmamar, P. Manjusree, Suresh K, Rashmit Singh Sukhani, Durai Raj R</i></p>

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Time	Event
13:00 - 14:00	Lunch Break
14:00 - 17:00	<p>Tutorial: Conditional Generative Models Speakers: <i>Dr. Sinnu Susan Thomas, DUK</i> <i>Dr. Vineeth B. S., IIST Thiruvananthapuram</i> (Venue: Council Hall)</p>
17:00 - 18:30	<p>Challenge: Detection of Pond Fish Challenge-2024 (DePondFi'24) 17:00 - 17:10 Welcome Speech and DePondFi Introduction <i>Dr. Sasithradevi A, VIT-Chennai</i> 17:10 – 17:30 Invited Talk <i>Dr. Karthik Seemakurthy, Hydronium Energies</i> 17:30 – 18:10 Oral Presentations Teams <i>Aquavision Fishyash Gladiators Pond-Vision Team SSM</i> 18:10 – 18:30 Fast Forward Presentations Teams <i>Fin Finders Fish Trappers HPC SRET Unity</i> 18:30 – 18:40 Winner Announcement <i>Dr. S. Md. Mansoor Roomi, TCE</i> 18:40 – 18:45 Closing Remarks and Vote of Thanks <i>Dr. P. Prakash, Anna Univ Chennai</i> (Venue: Council Hall)</p>
19:00 - 21:00	Dinner

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