

# SPARC WORKSHOP ON AI-DRIVEN UAV SYSTEMS AND NETWORKS



9<sup>TH</sup> JULY 2026

In conjunction with CNSD 2026, IISER Trivandrum

CNSD  
2026



## TECHNICAL PROGRAM (9<sup>TH</sup> JULY 2026, 2-5PM)

2.30pm	<b>Welcome Address and Introduction to SPARC</b>		<b>Prof. Manoj BS,</b> IIST Trivandrum
2.35pm	<b>Inaugural address</b> Title: AI for UAVs: From Sensing to Intelligent Decision Making		<b>Prof. Sumitra Nair,</b> IIST Trivandrum
2.45pm	<b>Keynote address</b> Title: Zero-touch Realization of Decentralized Federated Learning for Real-time Applications in 6G-assisted Edge Networks		<b>Prof. Mainak Adhikari,</b> IISER Trivandrum
3.25pm	<b>Tea break</b>		
3.30pm	<b>Invited Talk-1:</b> Title: Ultra-Low Latency Space-Based Hosting in Next-Generation Satellite Networks		<b>Mr. Debabrata Dalai,</b> IIST Trivandrum
3.45pm	<b>Invited Talk-2:</b> Title: Handover Optimization to Improve QoS in 6G Integrated Non-Terrestrial Networks		<b>Ms. Neethu Sajeev,</b> IIST Trivandrum
4.00pm	<b>Invited Talk-3:</b> Title: On the Road to 6G: Technologies, Directions, and a 5G System Latency Analysis		<b>Ms. Sruthi NT,</b> IIST Trivandrum
4.30pm	<b>Conclusion and Vote of Thanks</b>		<b>Prof. Manoj BS,</b> IIST Trivandrum