

Date	Session code	Session Title	Chair & Co Chairs	Paper Title of Best presentation	Best presentation Author.
02/02/2016	TuAT1	Guidance of Missiles and UAVs	Ratnoo, Ashwini , Indian Inst. of Science Das, Ranajit , DRDO	Autonomous Landing for UAVs Using T-MPSP Guidance and Dynamic Inversion Autopilot	Tripathi, Amit Kumar (Aeronautical Development Agency)
	TuAT2	Applications of Nonlinear Control - I	Sivaramakrishnan, Janardhanan , Indian Inst. of Tech. Delhi Prakash, Jagadeesan Madras Inst. of Tech	Experimental Validation of a Nonlinear Model Based Control Scheme on the Variable Area Tank Process	Siam Sundar, Kapil Arasu (Department of Inst. Engineering, Madras Inst. of T)
	TuAT3	Filtering and Estimation - I	Sarkar, A. K., DRDL Bhartiya, Sharad IIT Bombay	Optimization Based Constrained Gaussian Sum Unscented Kalman Filter	Bhartiya, Sharad (IIT Bombay)
	TuAT4	Intelligent Systems and Control	T.K., Radhakrishnan National Inst. of Tech. Tiruchirappalli Kamat, Shivaram Tata Consultancy Services Limited	Spiral Scan Pattern Generation for Laser Spot Tracker	Ansari, Zahir Ahmed (Inst. Res. & Development Establishment)
	TuBT1	Spacecraft Guidance & Control	S.M., Vaitheeswaran National Aerospace Lab. Bangalore Padhi, Radhakant Indian Inst. of Science	Optimal Trajectory Planning for Multiphase Lunar Landing	Avijit Banerjee(IISC Bangalore)
	TuBT2	Robust Control - I	Nataraj, P.S.V. Indian Inst. of Tech Rao A, Divya PES Inst. of Tech	Nobody is found fit for best presentation award in this session	

	TuBT3	Path Planning of Robotic Systems	Jee, Gopal , Vikram Sarabhai Space Centre Subbarao, Kamesh The Univ. of Texas, Arlington	Pseudo Spanning Tree-Based Complete and Competitive Robot Coverage Using Virtual Nodes,	Guruprasad, Kr (National Inst. of Tech. Karnataka)
	TuBT4	Control Theory - I	Brinda, V ISRO Mathew, Abraham T National Inst. of Tech. Calicut.	Second-Order Recursive Reaching Law Based Discrete-Time Sliding Mode Control	Nalin Kumar, Sharma (Indian Inst. of Tech. Delhi)
	TuBT5	System Identification	Mukhopadhyay, Siddhartha IIT Kgp , C, Kamali National Aerospace Lab	A Multiresolution Wavelet Based Subspace Identification,	Vajpayee, Vineet (Homi Bhabha National Inst. Mumbai)
03/02/2016	WeAT1	UAV Control	Subbarao, Kamesh The Univ. of Texas, Arlington Maity, Arnab Tech. Univ. of Munich	Position and Attitude Control of a Quadrotor UAV Using Super Twisting Sliding Mode	H J, Jayakrishnan (Indian Inst. of Space Science and Tech)
	WeAT2	Applications of Nonlinear Control - II	Barve, Jayesh Adani Inst. of Infrastructure Engineering Pradhan, Santanu NIST Berhampur	Synchronization of Coupled Oscillator Dynamics	Joshi, Shyam Krishan (Indian Inst. of Tech. Delhi, New Delhi, India),
	WeAT3	Filtering and Estimation - II	Nataraj, P.S.V. IIT Bombay, Brinda, V ISRO	Achieving Load Relief with Minimal Change in Conventional Control Law of a Launch Vehicle	Jee, Gopal (Vikram Sarabhai Space Centre)

	WeAT4	Control of Robotic Systems	Ratnoo, Ashwini Indian Inst. of Science Rao, Sachit International Inst. of Information Tech. Bangalore	Development of Autonomous Humanoid Robot Control for Competitive Environment Using Fuzzy Logic and Heuristic Search	Nair, Saurabh (V.J.T.I, Mumbai)
	WeBT1	UAV Path Planning	Bhat, M Seetharama Indian Inst. of Science Pb, Sujit IIT Delhi	Development of Obstacle Avoidance Controller for MAVs: Testing in Hardware-In-Loop Simulation	Gade, Murali Mohan (Indian Inst. of Tech. Bombay)
	WeBT2	Control of Power Systems	Xia, Xiaohua Univ. of Pretoria , S, Dharmalingam National Inst. of Tech. Tiruchirapalli	An Investigation on the Efficacy of Classical Tuning Algorithm to Satisfy Advanced Requirements: Control of Main Steam Pressure During Fuel Switching and Load Disturbances in Coal Fired Boilers	Subha Hency (Karunya Univ. Coimbatore)
	WeBT3	Process Control	Gudi, Ravindra IIT Bombay K, Srinivasan National Inst. of Tech	Optimum Scheduling under Batch Failure Scenario	Dhanwani, Anand P (Chemical Engineering Department, Dharmsinh Desai Univ. Nad)
	WeBT4	Control Theory - II	Velupillai, Sankaranarayanan Assistant Professor Ayyagari, Ramakalyan National Inst. of Tech. Tiruchirappalli, India	Taylor Discretization Based Class of Exactly Discretizable Nonlinear Systems	Meena, Gagan Deep (IIT Delhi)
	WeBT5	Applications of Fuzzy Control	Tangirala, Arun K. Indian Inst. of Tech. Madras Swarup, Akhilesh National Inst. of Tech. Kurukshetra, India	Fuzzy Aggregation Based Multiple Models Explicit Multi Parametric MPC Design for a Quadruple Tank Process	Velswamy, Kirubakaran (Lennox India Tech. Centre, Chennai)

04/02/2016	ThAT1	Aircraft Control	Ayyagari, Ramakalyan National Inst. of Tech. Tiruchirappalli, India Rao, Sachit International Inst. of Information Tech. Bangalore	A Simplified Adaptive Backstepping Control of Aircraft Lateral/Directional Dynamics	Swarnkar, Swati (Indian Inst. of Tech. Kanpur)
	ThAT2	Optimal Control Applications	Barve, Jayesh, Adani Inst. of Infrastructure Engineering Narayanan, S National Inst. of Tech. Tiruchirapall	Optimal Trajectory Generation for Car-Type Mobile Robot Using Spline Interpolation	Joshi, Vrunda (PVG's COET, Pune)
	ThAT3	Filtering and Estimation - III	Patwardhan, Sachin C. Indian Inst. of Tech. Bombay C, Kamali National Aerospace Lab	Application of a Moving Window Parameter Estimator for Leak Identification in the Quadruple Tank System	Lakhmani, Piyush (Indian Inst. of Tech. Bombay)
	ThAT4	Adaptive Control: Theory & Applications	Maity, Arnab Tech. Univ. of Munich , Das, Ranajit DRDO	An Experimental Evaluation of an Adaptive MPC Scheme Based on Output Error Models Parameterized Using Orthonormal Basis Filters	Patil, Prashant V. (Walchand Coll. of Engineering, Sangli)
	ThBT1	Design and Simulation in Aerospace	Sarkar, A. K. , DRDL Issac, K Kurien Indian Inst. of Space Science and Tech		INFO NOT AVAILABLE AT THE TIME OF COMPILING THIS LIST
	ThBT2	Robust Control - II	Swarup, Akhilesh National Inst. of Tech. Kurukshehra, India Jetely, Raoul ,ABB India	Practical SOSM Controller Design for Short-Circuit Mode of Transfer in GMAW Using Two Sliding Surfaces	Paul, Arun Kumar (Welding Industry)

	ThBT3	Model Predictive Control	Gudi, Ravindra IIT Bombay K, Srinivasan National Inst. of Tech	Robust Model Predictive Control of PVTOL Aircraft	Ketkar, Vishwanath (VJTI)
	ThBT4	Control Theory - III	T.K., Radhakrishnan National Inst. of Tech. Tiruchirappalli Velupillai, Sankaranarayanan	Modeling and PI Control of Spar Offshore Floating Wind Turbine	R, Manikandan (Department of Ocean Engineering, Indian Inst. of Tech)
	ThBT5	Topics in Control Theory and Applications	Tangirala, Arun K. Indian Inst. of Tech. Madras Ali, Shaikh Faruque Indian Inst. of Tech. Madras	A Novel Two Phase Algorithm for Three Loop Autopilot Design Using Parameter Plane Technique and Particle Swarm Optimization	Kedarisetty, Siddhardha (IIT Madras)