						ICAR 2025 Program						
					Down town							
			ROOM1		ROM2							
		KOURI			KUUM 2			ROOM3				
	Slot	Session Topic (Track)	Articles (ID, Affiliation, Title)	Slot	Session Topic (Track)	Articles (ID, Attitlation, Title)		Slot	Session Topic (Track)	Articles (ID, Affiliation, Title)		
We Mo S:		Legged and Humanold Robots (LEG-1)	ID: #25 - RAXOMD: Reachability-Aware K-Order Markov Path Optimization			1. ID: #38 - Design of an Anti-lock Mechanism for Harmonic Drive Gearing				 ID: #17 - Development and Genetic Algorithm Optimisation of a Constant-torque Robotic Gripper 		
	51.1		2. ID: 660 - Learning Fush Recovery Strategies for Humanoid Robots Using DRL We Mo	52.1	52. 1 Rehabilitation Robotics (MED-1)	2. ID: #57 - A Comparative Study of Interaction Force Estimation Methods for Transparency Control	We Mo	53.1	Control, Dynamics and Manipulation (CTRL-1)	2. ID: #55 - Development of Metrics based on the Impedance Space for Hybrid Impedance Controllers		
			3. ID: #61 - Learning Terrain-Specialized Policies for Adaptive Locomotion			3. ID: #115 - Kinematic Evaluation of a Series Elastic Actuator-Powered Prosthetic Knee Joint				3. ID: #90 - Design and Implementation of a Hybrid Stiding Mode Controller		
		Legged and Humanoid Robots (LEG-2)	4. ID: #63 - Meta Reinforcement Learning Applied to Quadrupedal Robots for Blind Locomolion		52.2 Rehabilitation Robotics (MED-2)	4. ID: #109 - Comparison of Adaptive Control Strategies for a Unilateral Knee-Ankle Exceletion			2 Control, Dynamics and Manipulation (CTRL-2)	4. ID: 952 - Efficient Dynamic Modeling for 3D Deformable Object Manipulation		
ı	51.2		5. ID: 675 - Deparative-Modulated Spiking Central Pattern Generators for Gall Selection We Eve	52.2		5. ID: #29 - Impedance Control With Neural Network Estimation of the Human-Excalation forques	We Eve	53.2		5. ID: #80 - Afford Gen: Affordance-Based Dataset Generator for Robot Manipulation Learning		
			6. ID: #108 - Human-Robot Gult Movements Mapping using Joint Projections to Ground	1		6. ID: #226 - Integrated Dynamics and Control Framework for Human-Exoskeleton Interaction		I		6. ID: #167 - Geometry-Driven Graspable Area Extraction with Gripper-Aware Constraints		
		Path Planning and Navigation (NAY-1)	1. ID: 621 - NapExEL: Human-inspired Indoor Exploration with Predicted Environment Context			1. ID: 657 - Distance-Based Control in Multi-Agent Systems via the Formation Matrix	We free		.3 Simulation and Learning (SIM-1)	1. ID: #18 - Quantum Game Models for Interaction-Aware Decision-Making in Automated Driving		
	51.3		2. ID: 422 - RI-BIRRY: A Reinforcement Learning-Orien Framework for intelligent Path Planning	52.3	Multi-Robot Systems (MRS-1)	2. ID: #219 - Multi-Arent-DescO: A Reinforcement Learning Framework for Multi-Arient Exploration		53.3		2. ID: #69 - Architecture and hybrid model for overheating prediction in a self-disensellic system		
			3. ID: 402 - Motion Planning and Control of an Overactuated 4-Wheel Drive			3. ID: \$100 - Intermittent Rendervous Plans with Mixed Interior Linear Prostram				3. ID: #147 - BistusSim: A Hybrid Multi-Domain Simulator for Robotics		
We Eve		Path Planning and Navigation (NAV-2)	4. ID: #51 - Semantics-Aware Path Planning for Quadrupedal Robots			1.10: 642 - Elastic Formation Control for Robot Searms Using Dynamic Soundary-Based	_		Simulation and Learning (SIM-2)	4. ID: #152 - Adiabatic Reinforcement Learning		
	51.4		5. ID: 454 - Safe Robot Navisation with Reinforcement Learning using Dirichlet Distributions	52.4	Multi-Robot Systems (MRS-2)	2. ID: #126 - Multiple Line Coordination Approach in Robotic Swarms to Navisite Through Narrow	We Don	53.4		5. ID: #155 - 6-DOF Modelins and Simulation of a Collaborative Catamaran Unmanned Vehicle		
			6. ID: 495 - A DRL-based trajectory planning strategy for UAV navigation			3. ID: #154 - Comparative Analysis of Trajectory Generation Strategies for Multiple Mobile Robots				6. ID: #11 - SAGE: Scalable Automated Generation of Environments for Robotics		
	51.5	Biologically-Inspired Robot (BIC-1)	1. ID: #72 - Development of an Autonomous Nexacod Robet for Ant Trail Following			1.10: #64 - A study on human behavior patterns in social navisition	_		Unmanued Aerial Vehicles (UAV-1)	1. ID: #12 - Parret Analt: Model Identification for Guidoor Control Applications		
ı			2. ID: #137 - Embodied Intelligence for Advanced Bioinspired Microrobotics: Exemples and Insights We have	52.5	52. 5 Human Robot Interaction (HR-1)	2. ID: #27 - MINTAGE: A Mixed-Reality Interface for HRI via Gaze-Oriented Control	We Don	53.5		2. ID: 994 - A Comparative Study of Drone Denamic Controllers Based on Linear NPC		
ı			3. ID: #171 - Design and Validation of a Bio-Inspired Modular Peristatic Cell for Lunar			3. ID: #34 - Reducing Latency in LLM-Based Natural Language Commands for Robot Navisation	1			3. ID: #151 - Linear Parameter Varying Control for a Folidable Quadrotor		
		Path Planning and Navigation (NAV-3)	1. ID: 400 - Context-Avare Model-Based Reinforcement Learning for Autonomous Racing			1.10: 646 - Designing a Multimodal Sie-Dof Lower-Limb Excalableton for Oventround			23. 6 Control, Dynamics and Manipulation (CTRL-3)	1. ID: 928 - Task-Critical Part Alainment Improves Imitation of Object Interactions		
	51.6		2. ID: #129 - Safe Path Following for a Differential Drive Robot using Vector Field Guidance	52.6	52.6 Rehabilitation Robotics (MED-3)	2. ID: #77 - Preliminary Evaluation of Virtual Resilty Oriven Muscle-Machine Training	Thu Mo	53.6		2. ID: 641 - Sample-Efficient Motion Generalization via Task-Parameterized GMMs		
			3. ID: #133 - Behavior-based multi-sensor navisation in an unknown environment			3. ID: #163 - Development of a Low-Cost Robotic Elbow Exceletion using the Series Elastic Advantor				3. ID: 497 - Smooth Trajectory Generation for Robotic Manipulators Using Adaptive Tanh-Based S-Curve		
		Path Planning and Navigation (NAV-4)	4. ID: 9422 - Consistent Coverage Path Flanning Statesties for UWin with Real-Time Obstacle Avoidance			4. Dr. 9115 - Robotic Care Control via Admittance, Dynamic and Impedance Post-Sarrica User Care Study	_			ID: #125 - Stability and Performance Analysis of Presumatic Levitation System		
	51.7		5. ID: \$173 - Adaptive Continues have Path Faintier in Partially Known Environments	52.7	Rehabilitation Robotics (MED-4)	5. D. 978 - Polithing Insulation of Virtual Resilts versus Non-Virtual Resilts.	l	53.7	53.7 Control, Dynamics and Manipulation (CTRL-4)	5. ID: #179 - Leveraring Port-Hamiltonian Theory for Impedance Control Benchmarking		
			6. ID #162- A Comparative Study of Linear MrC and Feedback Linearization for an Omnidirectional Robot			6. ID: 445 - Designating a Compact of transport of transport of the Property o	Thu Mo			ID: 4165 - Telegogration of Aerial Manipulators with Passivity-Based Haptic Feedback		
			1. ID: 400 - Official cased RGs O Servantic Seimentation with Deformable Attention			1. ID: 452 - Nonligiting it be Sim-to-Read Gazz A Chilical Annahula of Undernator Robotics Simulators				ID: #141 - Cloud AAUROPA: an Open and Interactive Framework for UAV Simulation and Control		
Thu Mo	51.6	Robotics Vision and Perception (VIS-1)	2. ID - 403 - Comparative Analysis of Insurfacence-Based Segmentation Networks for Off-Road Scores	52.6	Aquatic Robots (AQUA-1)	2. ID: #88 - Throat Calculation Method and Motion Stratesy for a Pennish-Inspired.	l	53.6	Unmanned Aerial Vehicles (UAV-2)	5. ID: #159 - Model Predictive Control with Soft Constraints for UAV Trajectory Tracking		
			2. 10: 609 - Semantine Average Construction for Artist Forest Recomplication	1 22.0	22. a Manus Manus (Monta)	3. ID: 4104 - Hierarchical LOS-Saned Control in Polar Coordinates with Dynamic Feedback Compensation for a Differential USV	Thu Mo	1		D: #144 - UniPiet: Enablini GPS-Denied Autonomy Across Embodiments		
			4. ID: 4126 - A Commentive Annual of Class Internal Annual Annual Comments of Systematics Systematics	-		4. ID: 1926 - A Natistition Approach For Autonomous Saliboat Based on Human Salior Proceedings.	_			ID: #85 - Outdoor Drone Navisition: Evaluating Communication Limits of an Officiard Controller		
	51.9	Robotics Vision and Perception (VIS-2)	5. ID: \$4.64 - Improved Real-Time Segmentation of Strubs and Trees Using 20-3D Vocal Analysis The Total Conference of Section Segmentation of Section and Trees Using 20-3D Vocal Analysis The Total Conference of Section S	52.9	52.9 Aquatic Robots (AQUA-2)	5. Dr. 9200 - Accusignment of the Control of the Co	la a	53.9	Unmanned Aerial Vehicles (UAV-3)	2. ID: #123 - Autonomous Mappinst and Navisation Unit for Aerial Robots		
ı			5. IC: \$1.00 - Improve Hata-time Segmentation of Street Chang 20-3D Youth Analysis 6. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 8. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 8. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 8. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 8. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin Classifican United Development Newtonians 9. IC: \$1.22 - Assessment Based Termin United Development Newtonians 9. IC: \$1.22 - Assessment Newtonia	1		5. LC # 200 - Aquareum -: an unconvenant vision Learning-Loade Limitation retrieval. G. LC # 200 - Model Predictive Control with Time-Coltinal Tealectory Planning for Autonomous Surface Vehicles	Inc the	1		2. ID: #123 - Autonomous Papping and Natigation Unit for Airtia Hopots 3. ID: #157 - A New Type of Axis-Anale Attitude Control Law for Rotational Systems		
_			1. ID: 481 - Northeast Distarbance Observer Based Force Control for the Hydradic Achastro of the Hyd Robot			6.10: 42.0: "Proper visions of Multiple Drown for Load Transportation." 4.10: 44.6: - Cooperative Control of Multiple Drown for Load Transportation.	_		4. ID: #183 - Scalable real-time multi-UAV coverage path planning for large geographical areas			
1 Mg 51.10	F1 10	Legised and Humanold Robots (LEG-3)	2. ID: #42.00 - Historichia Aliabera Based Certifo de Traiscorry Tracking	52.10	52.10 Multi-Robot Systems (MRS-3)	5. D. 4 and 2 - Multi-Apoet Coordinated Notion Planner Ensuring Line-of-Sight Connectivity	I	53, 10	Unmanned Aerial Vehicles (UAV-4)	5. ID: #93 - Wind turbine inspection: An autonomous UAV-based approach		
		2. IC: 9120 - Institution Augment - Language Control Accusacy and Augment -	1	and the state of t	5. ILL # 3.62 - Polici Holoco Colombia de Pocini primar arrivarragi Lini-o-Signi Colombichimi Primar Aliebra 6. IDL # 3.02 - Formation Control of Heteroelements Mobile Manifoldatora Based on Liniare Aliebra 1. Illiare Alie	Fri Mo	1	and a second sec	Unit Hou - Wind surprise Impector: An autonomous UAV-dusic approach Unit Hou - Parametrized Dynamic Model for Off-the-Shelf Quadrotors			
}	51.11	Robotics Vision and Perception (VIS-3)	3. D. 1649 - Code-deader visitation interference for recovery per control of the Code Code Code Code Code Code Code Cod		52.11 SLAM(S-1)	6. ID: 917 - Formation Commission on Presengations require valentations on Linear Augment 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection and Model Update from Limited Quarter/Date 1. ID: 955 - Channel Detection a	Pri Mo		Industrial and Service Robotics (IND-1)	DI: 9101 - Parametrose Dynamic Model for CH-ms-Shar Quadroters DI: 644 - An Autonomous Floor Clearing Strategy to Tidy up Unknown Home Environments		
			1. ID: 9100 - EMPLS - Expensional Point Liston Segmentation of UN-1000 ELEMAN. 2. ID: 447 - Approximate Supervision of Object Distance Estimation on University Surface Whiches	52.11		1. IC #55 - Crange Describes are Modes by Oppose from Introduc Quarty Data 2. ICE #55 - Investidation of Artico Marker Placement for Planar Indoor Localization 2. ICE #55 - Investidation of Artico Marker Placement for Planar Indoor Localization		53.11		ID: 666 - An Autonomous Hoor Cleaning Strategy to Hoy up Unknown Home Environments ID: 666 - Ethically-Allaned Safety Monitorins in CNC Machinins via Ontological Modellins		
			2. ID: 907 - Approximate Supervised United Internation on Commission Surrice Venicus 3. ID: 943 - Planning to Reconstruct Venesion Planning for Deep Learning States Understand Sonar 13. ID: 9435 - Planning to Reconstruct Venesion Planning for Deep Learning States Understand Sonar 13. ID: 9435 - Planning to Reconstruct Venesion Planning for Deep Learning States Onderstand Sonar 14. ID: 9435 - Planning to Reconstruct Venesion Planning for Deep Learning States Onderstand Sonar 15. ID: 9435 - Planning to Reconstruct Venesion Planning for Deep Learning States Onderstand Sonario Venesion Planning Sonario Venesio Venesio Venesio Venesio	1		2. LL: #36 - Invelogation or Ancico Manuel Paracement for Parama Indoor Localization 3. LD: #36 - Wability of Inter-Rese Octavior Position Editionation with Law-Salemon		l		2. IC: Mid - Tutabo-1: Towards Real-time Capable Al-based Safety Systems for HRC		
- 1			3. IO: 91.45 - Fundaming to successive: weaponst yearning for Deep Learning Easted Understanding States Constitution of Mail-Domain Policy Countries. 4. IO: 91.50 - Generation and Residentiation of Mail-Domain Policy Countries.			3. LC #55 - Walding of #564 - Holl Victima by Descon Externation Way 10-4-588**(E				ILL: HL3 - IUtabo-1: rowards Hast-time Capabia Al-based Salety Systems for HMC ID: #105 - Automation of Control and Decorting of twistfocks in Port Operations		
Fri Mon	51 12	Robotics Vision and Perception (VIS-4)	4. IC: 9200 - Construction and augmentation or Poster-Lorenta voint classics or Orthodox Selections 5. IC: 9200 - Construction and augmentation or Poster-Lorenta voint classics or Orthodox Selections by IC: 9200 - Construction and augmentation for the Construction of Construction	52.12	52.12 SLAM(52-2)	4. IU: 460 - Bioimpries SAM Approach for Universities Satisface Venice 5. ID: 470 - Towards Bioinsoired Localization and Maccini with Neuromorphic Computing	Dri More	53 12	53. 12 Industrial and Service Robotics (IND-2)	ID: #110 - Automation or Conting and Decoming or Washocks in Port Operations ID: #111 - Valor-Based Deckins for Robotic Towins of Mobile Platforms		
	51.12	AMAZIA A WARAN MIN PERCEPTION (VIS-4)	5, IU: \$107 - Intradental: PVA Accelerated vision-cased serial relaxationships for Autonomous vision navigation Fel Mer 5 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Misconnic of Indirect Semantic 8 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Misconnic of Indirect Semantic 8 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Misconnic of Indirect Semantic 8 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Misconnic of Indirect Semantic 9 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Misconnic of Indirect Semantic 9 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Misconnic of Indirect Semantic 9 ID: 48755 - This Direct Inches Institute Vision Expand Semantic Vision Expanditure 9 ID: 48755 - This Direct Inches Indirect Vision Expanditure 9 ID: 48755 - This Direct Inches Institute Vision Expanditure 9 ID: 48755 - This Direct Inches Institute Vision Expanditure 9 ID: 48755 - This Direct Inches Institute Vision Expanditure 9 ID: 48755 - This Direct Inches Institute 9 ID: 48755 - This Direct Inches Institute 9 ID: 48755 - This Direct	1		5. IC #176 - Fouriers Interrupted Localization and Mapping with Neutronospinic Computing 5. IC #176 - Mid-Seadily Supported Tributed (ed.) In Consideration methods for 2011 IEEE 1. IC #176 - Mid-Seadily Supported Tributed (ed.) In Consideration methods for 2011 IEEE 1. IC #176 - Mid-Seadily Supported Tributed (ed.) IEEE 1. IC #176 - Mid-Seadily Supported Tribu	rn Mon	1		5. IC. #111 - Valor-Gase Decking for Report in Process Fundamental 6. ID: #155 - Parameter Madeline and Interactive Simulation of Yeshimure-Patient Original Grinners		

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Fri Eve	A1.1 Special Multi-topic Session (SMS-1)	1. D. S. 1990ALSC Matth Medical Vision Lenguage Antion Needs. 2. D. S. 19 19 November 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Fri Dive	A2.1	Special Multi-topic Session (SMS-2)	1 10.1.17. Opening of Execution of Sharkton is Liste Annexis - Sprimmer Calley, 2 10.10.5. Object on Called	
Fri Eve	A1. 2 Special Multi-topic Session (SMS-3)	1. ID: 41 - The SLAM Confidence Trap 2.10: 867 - Can LLM Agents Solve Collaborative Tasks? A Study on Ugency-Aware Planning 3. ID: 4125 - Tacktic Centure Recognition with Bulls-in Joint Semons for Industrial Robots	Fri Dive	A2. 2	Special Multi-topic Session (SMS-4)	11. ID: 64 - Lewenging Yoush Stand Structures (Periol-IO-Mon) for Efficient SLAM 12. ID: 910 - Legigle, Legigle Robotis Assisting each Other over High Obstacless. ID: 6101-6100-6100-6100-6100-6100-6100-6100	
Fri Eve	A1.3 Special Multi-topic Session (SMS-S)	1. Dr. 1122 - A Centurus- Centrolland Navagious Systems for Models Robotics using Agenting. 1. Dr. 1123 - A Centurus- Centrolland Navagious Systems for Models Robotics using Agenting. 1. Dr. 1123 - Subswarption over MIGEZ. An Implementation featbold to the Brooks thevertical proposal 4. Dr. 888 - Books — MOSE Affect The Louis- Admental Robotic Navagious Centrolland Nav	Fri Eve	A2. 3	Special Multi-legic Session (SMS-4)	2. Dit 522 - VIGC Flatter, Fall Cassam Splatting \$2.40P processed orbitomic. 1. Dit 542 - QuestiVier The IREC Sold for the robust Visual \$2.50P. 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of a Lightweight and Love-Cost Puralist Data Bibles 1. Dit 4121 - Puth Accuracy and Repeatability Evaluation of	

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		POSTERS	ID: 876 - Unified Safety-Aware Physical Human-Robot Collaborative Controller				
			2. ID: 692 - From Human to Height-Field: Predictive Shotcrete Simulation				
Fri Eve	P1		2. ID: #25 - InEXFormer: A Hybrid State Estimator for Humanoid Robots				
			4. ID: #12 - Incremental Mapping with Measurement Synchronization & Compression				