SUNDAY DECEMBER 8, 202 start end	start end		MONDAY DECEMBER 9, 2024	start end		TUESDAY DECEMBER 10, 2024	start end		WEDNESDAY DECEMBER 11, 2024	start end		THURSDAY DECEMBER 12, 2024
	9:00 9:15 9:15 9:30		Scaling Long-Horizon Online POMDP Planning via Rapid State Space Sampling Lang, 'Usanchi, Kim, Edward; Thomason, Wi, Kingston, Zachary; Kurniawali, Harna; Kavraki, Lyda Faster Agonthus for Growing Collision-Free Convex Polytopes in Robot Configuration Space Wemer, Peter: Cohn, Thomas; Jang, Rebecca H.; Seyde, Tim Niklas;	9:00 9:15 9:15 9:30		DRAMA: An Efficient End-to-end Motion Planner for Autonomous Driving with Mamba T2barg, Zhang; Sun, Janeei, Sun, Shuo; Haang, Zefan; Lee, Christina Dao Wen; Li, Dongan; Nan, Yuhang; Wong, Anthony; Teo, Kang Peng; Learning 3 Stable, Safe, Distributed Feedback Controller for a Heterogeneous Platoon of Autonomous Vehicles Shaham, Michael Paori, Taxian	9:00 9:15 9:15 9:30	GRASPING Chair: Daniel Seita	Grasping by Hanging: a Learning-Free Grasping Detection Method for Previously Unseen Objects L. Wannz, Su. Metr. Chrisian, Gregory Adabemo: Data-Efficient Demonstration Expansion for Generalist Robotic Agent M., Tongzhou; Guo, Yije; Xu, Jie; Goyal, Ankit; Su, Hao: Fox, Dieter; Garg.	9:00 9:15 9:15 9:30		Ego-to-Eso: Interfacing Yhird Person Visuals from Egocentric Views Real-time for Improved ROV Teleoperation Addulah, Admur, Chen, Ruor, Reikelis, Isaamit, Islam, Md Jahidul A Haptic-Based Proximity Sensing System for Burled Object In Gran Material Zhang, Zenjeng, Jia, Ruixing; XNN, Youcan; Han, Ruhua; Lin, Shije; JJNN
	9:30 9:45		Simchowitz, Max; Tedrake, Russ; Rus, Daniela Task and Motion Planning in Hierarchical 3D Scene Graphs Ray, Aaron; Bradley, Christopher; Carlone, Luca; Roy, Nicholas	9:30 9:45	NAVIGATION	Bird's Eye View Based Pretrained World model for Visual Navigation Leikala, Kiran; Liu, Chen; Iti, Laurent	9:30 9:45		Animesh TOPGN: Real-time Transparent Obstacle Detection using Lidar Point Cloud Intensity for Autonomous Robot Navigation Kulahum Mudiyanselage, Kasun Weerakoon, Sathyamoorthy, Adarsh Jagan; Ehoor, Mohamed; Zore, Anij, Munocha, Dinesh	9:30 9:45	HAPTICS	Olan: Zhang, Liangjun; Pan, Jia Testing the Waters: Power-Efficient Actuation for Insect-Scale Autonomous Underwater Vehicles Trygstad, Concr; Longwell, Cody: Perez-Arancibia, Nestor O
	9:45 10:00 10:00 10:15		Q-ITAGS: Quality-Optimized Spatio-Temporal Heterogeneous Task Allocation with a Time Budget Newlik, Gire. Lui, Jachen; Chernova, Sonia; Ravichandar, Harish RuleFuser: An Evidential Bayes Approach for Rule Injection in Imitation	9:45 10:00	Chair: Jiachen Li	An Energy-Aware Routing Algorithm for Mobile Ground-to-Air Charging Cal, Swei: Lu, Fei: Zhou, Lifeng Gaussian Process Distance Fields Obstacle and Ground Constraints for	9:45 10:00	PERCEPTION	NeRFuser: Scalable Scene Representation by NeRF Registration and Biending Fang, Jadnig, Lin, Shengije; Vasijevic, Igor; Guizilni, Vitor; Ambrus, Rares; Gaidon, Adrien; Shakhnanovich, Gregor; Water, Matthew Embodied Active Leaming of Generative Sensor-Object Models	9:45 10:00	Chair: Marcelo Ang	NASU Novel Actuating Screw Unit: Origami-inspired Screw-based Propulsion on Mobile Ground Robots Joyce, Caivri, Im., Jascn; Rayune, Roger; Owens, Michael; Wickenhiser Peiros, Lizzie; Richter, Florian; Yip, Michael C. Self-Depipable, Adaptive Soft Robots Based on Contracting-Cord
		TASK AND MOTION PLANNING Chair: Wolfram	RuleFuser: An Evidential Bayes Approach for Rule Injection in Imitation Learned Planners for Robustness under Distribution Shifts Patrikar, Jay: Veer, Sushant: Sharma, Apoorva; Pavone, Marco; Scherer, Sebastian Can Large Language Models Solve Robot Routing? Huang, Zhehu; Shi, Guangyao; Sukhatma, Gaurav	10:00 10:15		Safe Navigation Uttsha, Monisha Mushtary; Le Gentil, Cedric; Wu, Lan; Vidal-Calleja, Teresa A.	10:00 10:15	Chair: Pratap Tokekar	Pinosky, Allison; Murphey, Todd Vectorable Thrust Control for Multimodal Locomotion by Quadruped	10:00 10:15		Self-Deployable, Adaptive Soft Robots Based on Contracting-Cord Jamming Yan, Wenzhong; Ye, Brian; Li, Mingxi; Hopkins, Jonathan; Mehta, Ankur
	10:30 11:00	Burgard		10:30 11:00		Bootstrapping Reinforcement Learning Bhaskar, Amishar, Mahammad, Zahiruddin; Jadhav, Sachin; Tokekar, Pratap	10:30 11:00		Robot SPIDAR Zhao, Moju	10:45 12:00		Coffee
	11:00 11:15		Coffee The State of Robot Motion Generation Bekris, Kostas E.; Doerr, Joe; Meng, Patrick; Tangirala, Sumanth	11:00 11:15	00 11:15	Coffee GPT-Fabric: Smoothing and Folding Fabric by Leveraging Pre-Trained Foundation Models Raval, Vicetar, Zhao, Enyu; Zhang, Hejia; Nikolaidis, Stefanos; Seita, Daniel	11:00 12:30		Coffee	-	DEBATE AND PANEL Chair: Gaurav Sukhatme	Hard Robot Challenges for Learning and Control: Perspectives Industry and Academia
	11:15 11:30		Risk Density RRT*: Planning in the space of Probability Paiola, Lorenzo; Grioli, Giorgio; Bicchi, Antonio	11:15 11:30		celliation Suppression in Cable-Suspended Robotic Manipulation stems Using Nonlinear Model Predictive Control agnale, Michele; D'Ago, Giancario; Selvaggio, Mario; Buoncorre, Luca sario; Di Castro, Mario; Lippiello, Vincenzo; Siciliano, Bruno; Ruggiero, Fabio						Stefan Schaal Matt Mason Antonio Bicchi
	11:30 11:45		Simplified POMDP Planning with an Alternative Observation Space and Formal Performance Guarantees Kong, Da; Indelman, Vadim	MANIF	GRASPING AND MANIPULATION	Learning to Singulate Objects in Packed Environments using a Dexterous Hand Jiang, Hao; Wang, Yuhai; Zhou, Hanyang; Seita, Daniel		DEBATE AND PANEL	Challenges in Perception Wolfram Buroard	12:00 12:15		Overconstrained Locomotion Sun, Haoran; Huang, Bangchao; Zhang, Zishang; XU, Ronghan; Huan Guojing; Huang, Guangi; YiN, Jaiy; Qiu, Nuofan; Chen, Hua; Zhang, Jia; Wan, Fang; Song, Chaoyang
	11:45 12:00 12:00 12:15	HUMAN ROBOT	User Experience in Preference-Based Optimization of Reward Functions for Assister Robots Dernier, Nathaniei; Shi, Zhonghao; Nikolaidis, Stefanos; Mataric, Maja Breathless: An 8-hour Performance Contrasting Human and Robot	11:45 12:00 12:00 12:15	Chair: Lantao Liu	Descrippe-Offission: Diffusion-based Unified Functional Grasp Synthesis Method for Multi-Suthrons Robotic Hands 3 Zhang, Thenghen, Zhou, Lei, Lu, Chenchen, Lu, Zhang, Yuan, Chengan, Cuo, Shang, Zhao, Kuang, Yao, Ji, Maraok H, Tay, Francis Ulang, Jeangen Luang, Karaga Models for Smantic Object Grasping Highl, Realmand, Yaoara, Klockas (Sama), Samol, Bai, Yanak Kayand, Wolfam Deschoffs: Destroyas Manipulation with Differentiable Simulation denmethy: Gay, Nimesh		Chair: Daniela Rus	No Roy Gauray Sukhatme	12:15 12:30 12:30 12:45		Autonomou Exploration and Mapping Psyload Integrated on a Galantingel Rober. Michael; Proved, Raymond C; Bilniski, Mari; Christensen, Henrik Islov Modeling and Minghi Toro Atthue Sabilization of a Jumping Galantingel Galantingel Michael; Olsen, Jargen Arker; Poukakakis, Ioannis; Alexis, Ko
	12:15 12:30	Chair:Harish Ravichandar	Expressiveness Cuan, Cate: (Ju., Tiarshuang: Ganil, Shreya; Goldberg, Ken A Framework for Understanding Human Perception of Vibrotactile Feedback in Sports Performance and Rehabilitation Demircan, Emer Recinos, Eliot	12:15 12:30	12:30							
	12:30 14:30		Lunch (not included with registration)	12:30 21:00			12:30 14:00		Lunch, slideshow and ISRR 2026 reveal (Hotel)	-		
	14:30 17:00						14:00 14:15 14:15 14:30 14:30 14:45 14:45 15:00		Laming Alfredmass frem Interactive Exploration using an Object-level Map, Wildog, Bouk, Ozderni, Hall Ume, Holme, Artonic, Orung, an Jan, Segour, USDO-2, Enhanced Ung-Ango Pono Exclusion Dataset with Status INDO-2: Enhanced Data, Hackardy, Nata, Sodag, Norana, Hari, Annara, Pala, Martinz, Pala, MacArdy, Nata, Sodag, Norana, Hari, Sanara, Sang Pasama, Boonkard, Jawa Man, Kathara, Kathara, Hongan, Banara Ramar, Sang Pasama, Noronkara, Dasiel, Strink, Kathar, Watenhold, Tim, Child, Charlow Charl, Charling, Kathara Ramar, Sang Pasama, Noronkara, Dasiel, Strink, Kathar, Watenhold, Tim, Child, Charlow Charl, Charling, Kathara, Kathara Kathara, Kathara Kathara, Kathara, Charl, Zheng, Liu, Lathara	-		
	r.	BEBATE AND PANEL	ISRR 40th Anniversary: From Science to Systems (coffee/snacks available from 15.30 to 16.00) Panelists:				15:00 15:30		Coffee			
		Chair: Henrik Christensen	Rume Bayoy Adm Kelintaan Danise Ru Oussime Matte		EXCURSION	Los Angeles Excursion (funch, dinner and transportation provided) Donotene Los Argeles instaling Corpto Com Well Derary Concert Hol Cherro Smert, Grand Carller Market, Instaling Neto E Lostion, Certhol Desarrollary View of the Hollywood Sign, Holywood Yalk of Fam, Dibly Thatter Home of The Ocara. TCC Lonses Thater, Rosenide Hole, Sunset Hig, Bowerly Hill, Weld down Rober Orises Thater, Rosenide Hole, Sunset High, Bowerly Hill, Weld down Rober Orises Thater, Rosenide Hole, Sunset High, Bowerly Hill, Weld down Rober Original Long And Long Angel Academy Musaum, Stop at Urban Lights Farmers Market Dinner	15:30 17:00	DEBATE AND PANEL Chair: Oussama Khatib	Next Generation Mechanisms and Humanoids Joonthan Next An Abu-Scharther Youdy Nakamura			
	17:00 18:30								Free evening			
			Break									
0 20:30 Reception	18:30 20:30		Dinner (Hotel)									
	21:00 23:00											