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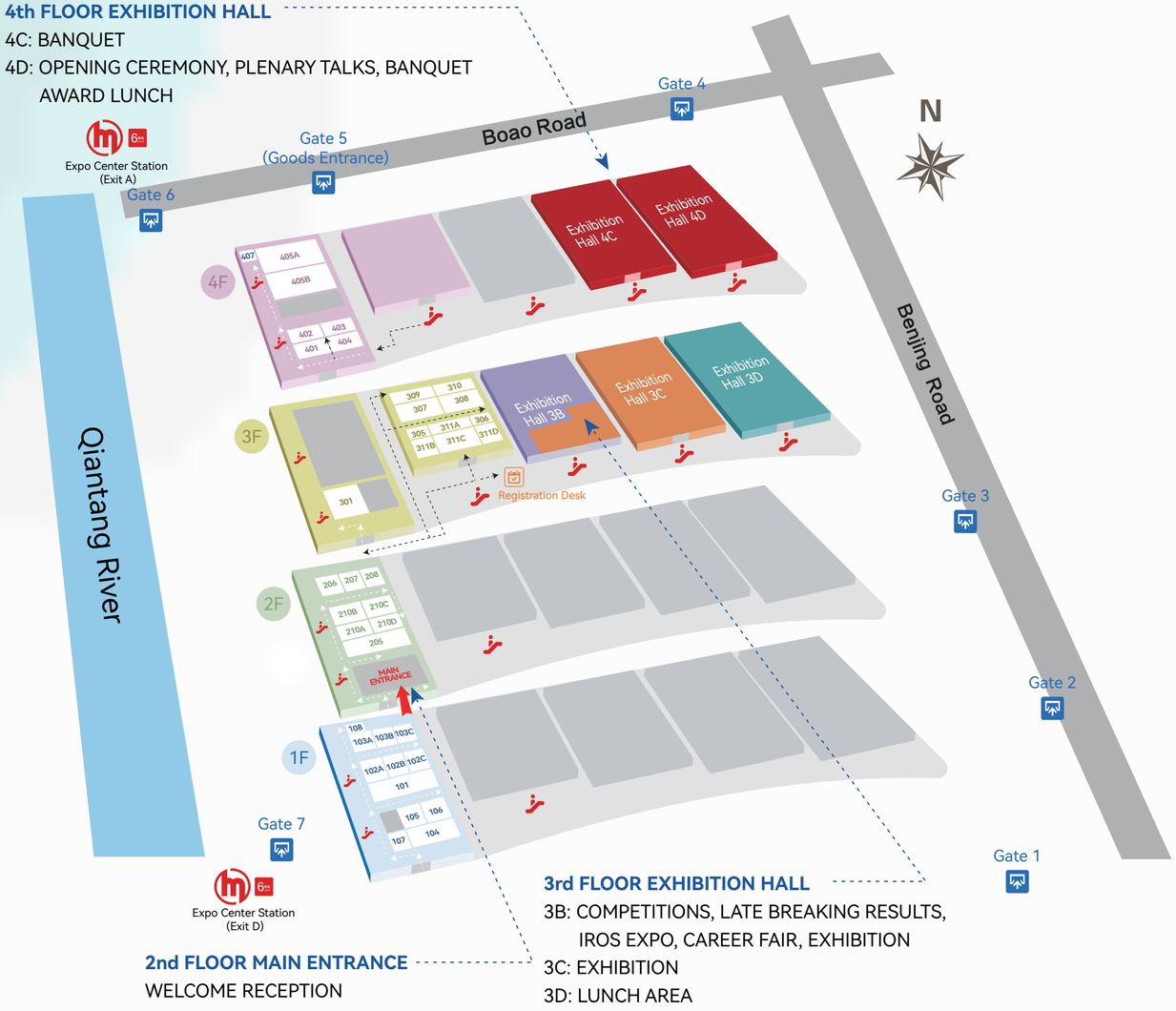
CONFERENCE VENUE MAP



FORUMS

Tuesday (Oct.21)		
Time	**Forum**	**Location**
10:30-12:00	Government Forum	405A
12:15-13:15	RAS Town Hall Meeting	405A
13:30-15:30	Editor - in - Chief Forum I	405A
16:00-18:00	Editor - in - Chief Forum II	405A
Wednesday (Oct.22)		
Time	**Forum**	**Location**
10:30-14:00	WIE Forum	Chengshan Hall ABCD (North Star Hotel)
12:20-13:20	Debate - Humanoids Will Soon Replace Most Human Workers: True or False?	Exhibition Hall 4D
15:00-18:00	How To Trust Robots Further than You Can Throw Them	405A
Thursday (Oct.23)		
Time	**Forum**	**Location**
10:30-11:50	Industry Forum - Medical Robotics	405A
13:20-14:40	Industry Forum - Humanoid Robotics	405A
14:00-18:00	Industry Forum - Entrepreneurship Session	Exhibition Hall 3C
15:00-16:20	Industry Forum - Field &Service Robotics	405A
16:40-18:00	Industry Forum - Manufacturing Robotics	405A

IROS HANGZHOU 2025

The 2025 IEEE/RSJ International Conference on Intelligent Robots and Systems

Human-Robotics Frontier

October 19–25, 2025

Hangzhou · CHINA

Organizers

IEEE · IEEE Robotics & Automation Society · IEE · RSJ · SICE · 上海交通大学 · 浙江大学 · 中国计量大学

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CAA

PROGRAM AT A GLANCE

	Sunday (Oct.19)	Monday (Oct.20)		Tuesday (Oct.21)		Wednesday (Oct.22)		Thursday (Oct.23)		Friday (Oct.24)	Saturday (oct.25)
Morning	Technical Tours	Workshops & Tutorials (AM) 09:00-13:00	08:30-09:00	Opening Ceremony							Technical Tours
			09:00-10:00	Plenary Talk		Plenary Talk		Plenary Talk		Workshops & Tutorials (AM) 09:00-13:00	
			Coffee Break 10:30-11:00	Technical Sessions & Keynote Sessions	Competitions & Exhibition & Forum	Technical Sessions & Keynote Sessions	Competitions & Exhibition & Forum	Technical Sessions & Keynote Sessions	Competitions & Exhibition & Forum	Coffee Break 10:30-11:00	
			10:30-11:50								
Noon			11:50-13:20	Lunch		Lunch		Awards Lunch			
Afternoon		Workshops & Tutorials (PM) 13:00-17:00	13:20-14:40	Technical Sessions & Keynote Sessions		Technical Sessions & Keynote Sessions		Technical Sessions & Keynote Sessions		Workshops & Tutorials (PM) 13:00-17:00	
			Coffee Break 15:00-16:20								
			16:40-18:00								
		Coffee Break 15:00-15:30	Coffee Break							Coffee Break 15:00-15:30	
Evening		Welcome Reception	18:30-20:30			Banquet		Farewell Party (schedule as per option)			

WIFI INFORMATION

Network: IROS
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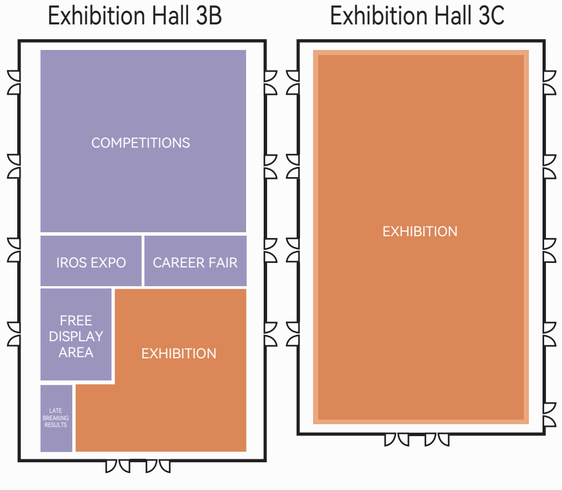
Scan the QR code to enter the official website of IROS 2025

Exhibition



EXHIBITION LOCATION
EXHIBITION HALL 3B & 3C

EXHIBITION TIME
OCT.21: 08:30-18:00
OCT.22: 08:30-18:00
OCT.23: 08:30-18:00

IROS EXPO LOCATION
EXHIBITION HALL 3B

IROS EXPO TIME
OCT.21: 13:00-17:00

REGISTRATION LOCATION
3RD FLOOR REGISTRATION DESK

REGISTRATION TIME
OCT.19: 14:00-19:00
OCT.20: 07:30-18:30
OCT.21: 07:30-18:30
OCT.22: 08:00-17:30
OCT.23: 08:00-17:30
OCT.24: 08:00-14:00

COMPETITIONS

- AGIBOT WORLD CHALLENGE
- ROBOSENSE: THE ROBUST ROBOT SENSING CHALLENGE
- FUTURE OF ROBO
- AERIAL AUTONOMY CHALLENGE
- QUADRUPED ROBOT CHALLENGE (QRC)
- VOLTING CUP
- THE EMBODIED INTELLIGENCE CHALLENGE
- MECHA CHALLENGE

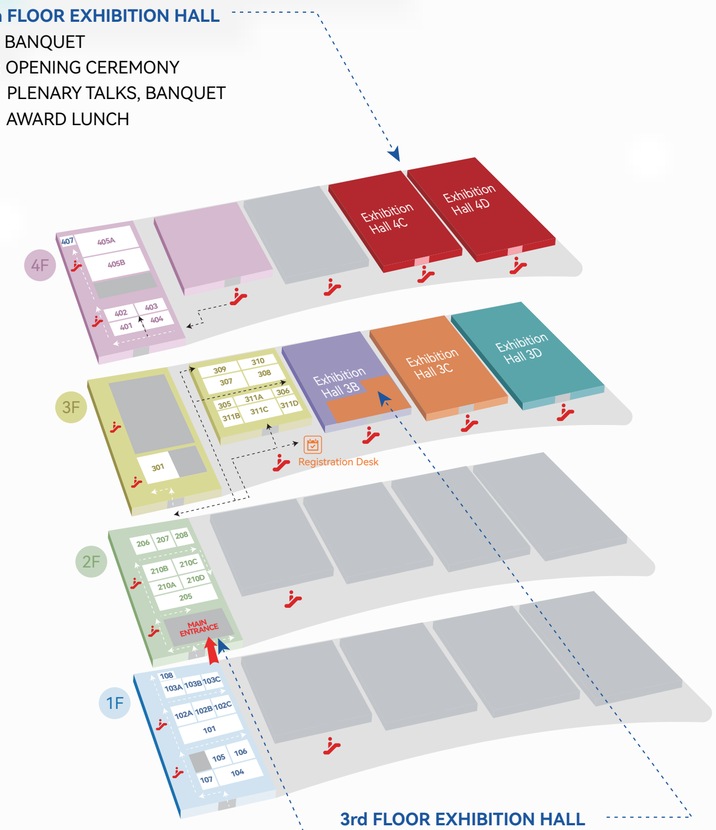
Conference Agenda

Tuesday October 21, 2025	Opening	08:30-09:00	Exhibition Hall 4D	Opening Ceremony
	Plenary	09:00-10:00	Exhibition Hall 4D	Song-Chun Zhu - TongBrain: Bridging Physical Robots and AGI Agents
	Keynote	10:30-11:50	405B	Rehabilitation & Physically Assistive Systems
		13:20-14:40	405B	Bio-inspired Robotics
		15:00-16:20	405B	Soft Robotics
		16:40-18:00	405B	AI and Robot Learning
Wednesday October 22, 2025	Plenary	09:00-10:00	Exhibition Hall 4D	Marco Hutter - The New Era of Mobility: Humanoids and Quadrupeds Enter the Real World
	Keynote	10:30-11:50	405B	Perception and Sensors
		13:20-14:40	405B	Human Robot Interaction
		15:00-16:20	405B	Embodied intelligence
		16:40-18:00	405B	Medical Robots
Thursday October 23, 2025	Plenary	09:00-10:00	Exhibition Hall 4D	Hyoun JIN Kim - Autonomous Aerial Manipulation: Toward Physically Intelligent Robots in Flight
	Keynote	10:30-11:50	405B	Field Robotics
		13:20-14:40	405B	Humanoid Robot Systems
		15:00-16:20	405B	Mechanisms and Controls
		16:40-18:00	405B	Learning and Embodied Control

4th FLOOR EXHIBITION HALL

4C: BANQUET

4D: OPENING CEREMONY
PLENARY TALKS, BANQUET
AWARD LUNCH



3rd FLOOR EXHIBITION HALL

3B: COMPETITIONS, LATE BREAKING RESULTS,
IROS EXPO, CAREER FAIR, EXHIBITION

3C: EXHIBITION

3D: LUNCH AREA

2nd FLOOR MAIN ENTRANCE

WELCOME RECEPTION

IROS HANGZHOU 2025

Tuesday October 21, 2025

conference center

10:30-11:50	13:20-14:40	15:00-16:20	16:40-18:00
401 Award Finalists 1	401 Award Finalists 2	401 Award Finalists 3	401 Award Finalists 4
402 Mobile Manipulation 1	402 Mobile Manipulation 2	402 Modeling, Control, and Learning for Soft Robots 1	402 Modeling, Control, and Learning for Soft Robots 2
403 In-Hand Manipulation	403 Agricultural Automation	403 Automation at Micro-Nano Scales	403 Biomimetics
404 Robot Safety 1	404 Robot Safety 2	404 Robot Control	404 Robot Learning
407 Motion Control 1	407 Motion Control 2	407 Dynamics	407 Additive Manufacturing
301 Micro/Nano Robots 1	301 Micro/Nano Robots 2	301 Micro/Nano Robots 3	301 Micro/Nano Robots 4
307 Motion and Path Planning 1	307 Motion and Path Planning 2	307 Motion and Path Planning 3	307 Motion and Path Planning 4
308 Medical Robots and Systems 1	308 Medical Robots and Systems 2	308 Medical Robots and Systems 3	308 Medical Robots and Systems 4
309 Computer Vision Applications	309 Semantic Scene Understanding: Sensor Fusion	309 Semantic Scene Understanding: Visual Learning	309 Semantic Scene Understanding: Visual Perception
310 Computer Vision for Medical Robotics	310 Semantic Scene Understanding	310 Semantic Scene Understanding: Segmentation and Mapping	310 Semantic Recognition and Scene Understanding
311A Reinforcement Learning 1	311A Reinforcement Learning 2	311A Reinforcement Learning 3	311A Reinforcement Learning 4
311B RGB-D Perception 1	311B RGB-D Perception 2	311B RGB-D Perception 3	311B Robot Audition
311C Deep Learning for Visual Perception 1	311C Deep Learning for Visual Perception 2	311C Deep Learning for Visual Perception 3	311C Deep Learning for Visual Perception 4
311D Deep Learning Methods 1	311D Deep Learning Methods 2	311D Deep Learning Methods 3	311D Deep Learning Methods 4
206 Swarm Robotics 1	206 Swarm Robotics 2	206 Simulation	206 Simulation and Animation
207 Human-Robot Interaction 1	207 Human-Robot Interaction 2	207 Human-Robot Collaboration	207 Safety in HRI
210A Autonomous Navigation	210A Autonomous Vehicles 1	210A Autonomous Vehicles 2	210A Autonomous Vehicles 3
210B Multi-Robot Systems 1	210B Multi-Robot Systems 2	210B Multi-Robot Systems 3	210B Multi-Robot Systems 4
210C Grasping 1	210C Grasping 2	210C Grasping 3	210C Grippers and End-Effectors
210D Humanoid Robot Systems 1	210D Humanoid Robot Systems 2	210D Humanoid and Bipedal Locomotion 1	210D Humanoid and Bipedal Locomotion 2
101 Optimization and Optimal Control 1	101 Optimization and Optimal Control 2	101 Optimization and Optimal Control 3	101 Optimization and Optimal Control 4
102A Robotics and Automation in Agriculture and Forestry 1	102A Robotics and Automation in Agriculture and Forestry 2	102A Robotics in Automation in Construction	102A Robotics in Harsh Environment
102B Sensor Fusion 1	102B Sensor Fusion 2	102B Sensor Fusion 3	102B Sensor Fusion 4
102C Software Architecture and Tools	102C Software Architecture and AI-Based Methods	102C Robust/Adaptive Control 1	102C Robust/Adaptive Control 2
103A Dexterous Manipulation 1	103A Dexterous Manipulation 2	103A Dexterous Manipulation 3	103A Soft Robot Materials and Applications
103B Soft Robot Materials and Design 1	103B Soft Robot Materials and Design 2	103B Soft Robot Materials and Design 3	103B Model Learning for Control
103C Space Robotics and Automation	103C Service Robotics	103C Parallel and Redundant Robots 1	103C Parallel and Redundant Robots 2
104 Marine Robotics 1	104 Marine Robotics 2	104 Marine Robotics 3	104 Marine Robotics 4
105 SLAM 1	105 SLAM 2	105 SLAM 3	105 SLAM 4
106 Aerial Perception 1	106 Aerial Perception 2	106 Aerial Systems	106 Aerial Autonomy

Wednesday October 22, 2025

conference center

10:30-11:50	13:20-14:40	15:00-16:20	16:40-18:00
401 Award Finalists 5	401 Sensor Fusion & SLAM 1	401 Sensor Fusion & SLAM 2	401 Sensor Fusion & SLAM 3
402 Modeling, Control, and Learning for Soft Robots 3	402 Social HRI	402 Vehicle Intelligence	402 Actuation and Joint Mechanisms
403 Soft Sensors and Actuators 1	403 Soft Sensors and Actuators 2	403 Soft Sensors and Actuators 3	403 Soft Sensors and Actuators 4
404 Surgical Robotics	404 Surgical Robotics: Planning	404 Surgical Robotics: Laparoscopy	404 VR and Vision-Based Planning
407 Kinematics, Planning and Control 1	407 Kinematics, Planning and Control 2	407 AI-Based Methods	407 Computer Architecture and Computational Geometry
301 Deep Learning in Grasping and Manipulation 1	301 Deep Learning in Grasping and Manipulation 2	301 Deep Learning in Grasping and Manipulation 3	301 Deep Learning in Grasping and Manipulation 4
307 Motion and Path Planning 5	307 Motion and Path Planning 6	307 Motion and Path Planning 7	307 Motion and Path Planning 8
308 Medical Robots and Systems 5	308 Micro/Nano Robots 5	308 Micro/Nano Robots 6	308 Micro/Nano Robots 7
309 Object Detection, Segmentation and Categorization 1	309 Object Detection, Segmentation and Categorization 2	309 Object Detection, Segmentation and Categorization 3	309 Object Detection, Segmentation and Categorization 4
310 Range Sensing 1	310 Recognition 1	310 Recognition 2	310 Bioinspired Robot Learning
311A Reinforcement Learning 5	311A Reinforcement Learning 6	311A Reinforcement Learning 7	311A Reinforcement Learning 8
311B Robotic Imitation Learning 1	311B Robotic Imitation Learning 2	311B Robotic Imitation Learning 3	311B Robotic Imitation Learning 4
311C Deep Learning for Visual Perception 5	311C Deep Learning for Visual Perception 6	311C Deep Learning for Visual Perception 7	311C Deep Learning for Visual Perception 8
311D Learning from Demonstration 1	311D Learning from Demonstration 2	311D Learning from Demonstration 3	311D Deep Learning Methods 5
206 Computer Vision 1	206 Computer Vision 2	206 Autonomous Vehicle Navigation 1	206 Autonomous Vehicle Navigation 2
207 Prosthetics and Exoskeletons 1	207 Prosthetics and Exoskeletons 2	207 Prosthetics and Exoskeletons 3	207 Computer Vision for Automation and Manufacturing
210A Intelligent Transportation Systems 1	210A Intelligent Transportation Systems 2	210A Intelligent Transportation Systems 3	210A Intelligent Transportation Systems 4
210B Multi-Robot Systems 5	210B Multi-Modular Robot Systems 1	210B Multi-Modular Robot Systems 2	210B Probability and Statistical Methods
210C Biologically-Inspired Robots 1	210C Biologically-Inspired Robots 2	210C Biologically-Inspired Robots 3	210C Biologically-Inspired Robots 4
210D Grasping & Manipulation 1	210D Grasping & Manipulation 2	210D Grasping & Manipulation 3	210D Haptics and Haptic Interfaces
101 Force and Tactile Sensing 1	101 Force and Tactile Sensing 2	101 Force and Tactile Sensing 3	101 SLAM and Control
102A Mechanism and Control	102A Mechanism Design 1	102A Mechanism Design 2	102A Mechanism Design 3
102B Path Planning for Multiple Mobile Robots or Agents 1	102B Path Planning for Multiple Mobile Robots or Agents 2	102B Path Planning for Multiple Mobile Robots or Agents 3	102B Path Planning for Multiple Mobile Robots or Agents 4
102C Sensor Fusion 5	102C Sensor Fusion 6	102C Computer Vision for Transportation 1	102C Computer Vision for Transportation 2
103A Legged Robots 1 - Locomotion	103A Legged Robots 2 - Learning	103A Legged Robots 3 - Control	103A Legged Robots 4
103B Localization 1	103B Localization 2	103B Localization 3	103B Localization 4
103C Performance Evaluation and Benchmarking 1	103C Performance Evaluation and Benchmarking 2	103C Planning, Scheduling and Coordination 1	103C Planning, Scheduling and Coordination 2
104 Marine Robotics 5	104 Marine Robotics 6	104 Marine Robotics 7	104 Cognitive Robotics
105 SLAM 5	105 SLAM: Localization 1	105 SLAM: Localization 2	105 SLAM: Sensing and Mapping
106 Aerial Systems: Mechanics and Control 1	106 Aerial Systems: Mechanics and Control 2	106 Aerial Systems: Perception and Autonomy 1	106 Aerial Systems: Perception and Autonomy 2

Thursday October 23, 2025

conference center

10:30-11:50	13:20-14:40	15:00-16:20	16:40-18:00
401 Intention Recognition 1	401 Intention Recognition 2	401 Gesture, Posture and Facial Expressions 1	401 Gesture, Posture and Facial Expressions 2
402 Industrial Robots and Actuators 1	402 Industrial Robots and Actuators 2	402 Industrial Robots and Control	402 Intelligent and Flexible Manufacturing
403 Physical Human-Robot Interaction 1	403 Physical Human-Robot Interaction 2	403 Autonomous Agents 1	403 Autonomous Agents 2
404 AI-Enabled Robotics 1	404 AI-Enabled Robotics 2	404 AI-Enabled Robotics 3	404 AI-Enabled Robotics 4
407 Formal Method in Robotics and Automation 1	407 Formal Method in Robotics and Automation 2	407 Force Control	407 Tendon/Wire Mechanism
301 Deep Learning in Grasping and Manipulation 5	301 Deep Learning in Grasping and Manipulation 6	301 Data Sets for Robotics 1	301 Data Sets for Robotics 2
307 Human-Aware Motion Planning 1	307 Human-Aware Motion Planning 2	307 Human-Aware Motion Planning 3	307 Human Detection and Tracking
308 Human-Robot Collaboration and Teaming 1	308 Human-Robot Collaboration and Teaming 2	308 Human-Centered Robotics 1	308 Human-Centered Robotics 2
309 Object Detection, Segmentation and Categorization 5	309 Transportation Vision	309 Vision for Automation	309 Visual Learning
310 Visual-Inertial SLAM	310 Visual Servoing and Tracking	310 Visual Tracking	310 Visual Servoing and Application
311A Reinforcement Learning 9	311A Reinforcement Learning 10	311A Reinforcement Learning 11	311A Physically Assistive Devices
311B Vision-Based Navigation 1	311B Vision-Based Navigation 2	311B Vision-Based Navigation 3	311B Vision-Based Navigation 4
311C Deep Learning for Visual Perception 9	311C Deep Learning for Visual Perception 10	311C Deep Learning for Visual Perception 11	311D Medical Robots and Systems 8
311D Deep Learning Methods 6	311D Medical Robots and Systems 6	311D Medical Robots and Systems 7	206 Perception for Grasping and Manipulation 5
206 Telerobotics and Teleoperation 1	206 Telerobotics and Teleoperation 2	206 Telerobotics and Teleoperation 3	207 Task Planning: AI-Based Methods
207 Task and Motion Planning 1	207 Task and Motion Planning 2	207 Task and Motion Planning 3	210A Field Robots 4
210A Field Robots 1	210A Field Robots 2	210A Field Robots 3	210B Mapping 4
210B Mapping 1	210B Mapping 2	210B Mapping 3	210C Aerial Systems: Applications 3
210C Biologically-Inspired Robots 5	210C Aerial Systems: Applications 1	210C Aerial Systems: Applications 2	210D Perception for Grasping and Manipulation 4
210D Perception for Grasping and Manipulation 1	210D Perception for Grasping and Manipulation 2	210D Perception for Grasping and Manipulation 3	101 Machine Learning for Robot Control 4
101 Machine Learning for Robot Control 1	101 Machine Learning for Robot Control 2	101 Machine Learning for Robot Control 3	102A Collision Avoidance 2
102A Dual Arm Manipulation 1	102A Dual Arm Manipulation 2	102A Collision Avoidance 1	102B Networked System and Telerobotics
102B Force and Tactile Sensing 4	102B Force and Tactile Sensing 5	102B Force and Tactile Sensing 6	102C Educational and Emotional Robotics
102C Calibration and Identification 1	102C Calibration and Identification 2	102C Compliance and Control	103A Planning and AI-Based Methods
103A Legged Robots 5	103A Legged Robots 6	103A Soft Robot Applications	103B Human and Humanoid Motion Analysis and Synthesis
103B Localization 5	103B Cooperating Robots	103B Distributed Robot Systems	103C Flexible Robotics
103C Energy and Environment-Aware Automation 1	103C Energy and Environment-Aware Automation 2	103C Factory Automation and Failure Detection	104 Medical Vision
104 Rehabilitation Robotics 1	104 Rehabilitation Robotics 2	104 Rehabilitation Robotics 3	105 Manipulation Planning
105 Wearable Robotics 1	105 Wearable Robotics 2	105 Whole-Body Motion Planning and Control	106 Embedded Systems for Robotics and Automation
106 Wheeled Robots 1	106 Wheeled Robots 2	106 Telerobotics and Navigation	