

Monday April 24

13:00–13:20	ICRA 2000 Opening								
13:20–14:20	Plenary Session: Chair Ruzena Bajcsy, Vision - Enabling Robots to Sense, Control and Interact – Takeo Kanade								
14:40–16:20	Path Planning	Mapping Localization 1	Grasping Manipulation	Kinematics	Mechanisms	Architectures	Micro Robots	Manufacturing Design	Space Robots and Rovers
16:40–18:20	Autonomous Robots	Space and Underwater	Control 1	Range Sensing	Part Feeding Fixturing	Prototyping Automation	Actuators 1	Video Session 1	Rehabilitation
18:40–21:00	Welcome Reception and a Special Plenary Session: Robotics the 20th Century and Beyond: G. Giralt (Chair), T. Kanade, J.-C. Latombe, N.J. Nilsson, B. Roth								

Tuesday April 25

08:20–10:00	Assembly Planning	Landmarks Modeling	Flexible Robots	Robot Control	Dexterous Manipulation	Robot Learning	Transmission Methods	Robots in Manufacturing	Surgical Robots	
10:20–12:00	Sensing Control 1	Target Tracking	Redundant Manipulators	Mobile Robotics	Grasping Contact	Flexible Automation	Reconfigurable Robots	Video Session 2		Underwater Robotics
12:00–13:00	Lunch									
13:00–14:00	Keynote: Controlling Intelligent Machine – Hendrik Van Brussel									
14:20–16:00	Nonholonomic Planning	Applications of Sensing	Neural Networks	Locomotion	Cooperative Robots	Mechatronics	Parallel Manipulators	Applications of Grasping	Teleoperation 1	
16:30–21:30	San Francisco Bay Dinner Cruise									

Wednesday April 26

08:20–10:00	Mobile Robots 1	Visual Servoing ₁	Fuzzy Logic	Motion Planning	Human Augmentation	Medical Robotics	Static/Dynamic Contact	Discrete Event ₁	Humanoids
10:20–12:00	Sensing Motion Planning	Navigation Mapping	Control Applications 1	National and International R & D Programs G. Giralt - R. Bajczy, G. Bekey, S. Bensasson, H. Inoue, D. Okhotsimsky, S. Sastry, M. Uhran, S. Lide					
12:00–13:30	IEEE Robotics & Automation Society Luncheon and Awards								
13:40–14:40	Keynote: Motion Planning: A Journey of Robots, Molecules, Digital Actors, and Other Artifacts – Jean-Claude Latombe								
15:00–16:40	Vehicle Mechanics	Mapping Localization 2	Redundancy	Real-Time Tracking	Humanoid Motion	Industrial Robots	Legged Locomotion 1	Production Control	Teleoperation 2
17:00–18:40	Robotic Cooperation 1	Visual Servoing ₂	Trajectory Control	Constrained Planning	Haptics	Entertainment	Locomotion Techniques	Supervisory Control-DEDS	Robotics in Medicine
20:00–22:00	Conference Banquet: Brains and Brawn in Humanoid Autonomy – Stephen Jacobsen								

Thursday April 27

08:20–10:00	Mobile Robots 2	Localization	Control 2	Robot Dynamics	Visual Reconstruction	Frontier Environments	Legged Locomotion 2	Rapid Prototyping	Teleoperation 3
10:20–12:00	Robotic Cooperation 2	Vision-Based Control	Learning 1	Control Architectures	MEMS	Stiffness Compliance	Biped Robots	Discrete Event 2	Haptic Interface 2
12:00–13:00	Lunch								
13:00–14:00	Keynote: Hands-On: Haptics and Telesurgery – J. Kenneth Salisbury								
14:20–16:00	Manipulator Planning	Mapping Localization 3	Modeling and Control	Grasp Analysis	Education Panel Aydan Erkmen	Identification	Actuators 2	Flexible Assembly	Collision Distance
16:20–18:00	Sensing Control 2	Sensing for Navigation	Learning 2	Grasping Force Control	Novel Sensing Devices	Dynamics Optimization	Bipedal Climbing	Control Applications 2	Human/Robot Cooperation
18:30–19:30	Farewell								