

List of T-RO Keywords

RAS Subject Area	Keyword
Cognitive Robotics	Agent-Based Systems AI Reasoning Methods Autonomous Agents Behaviour-Based Systems Cognitive Human-Robot Interaction Control Architectures and Programming Evolutionary Robotics Learning and Adaptive Systems Networked Teleoperation Ubiquitous Robotics
Field and Service Robotics	Aerial Robotics Demining Systems Domestic Robots Entertainment Robotics Field Robots Marine Robotics Mining Robotics Robotics in Agriculture and Forestry Robotics in Construction Robotics in Hazardous Fields Search and Rescue Robots Service Robots Space Robotics
Human-centered and Life-like Robotics	Biologically-Inspired Robots Biomimetics Education Robotics Gesture, Posture, Social Spaces and Facial Expressions Humanoid Robots Medical Robots and Systems Neurorobotics Personal Robots Rehabilitation Robotics Robot Companions and Social Robots in Home Environments Social Human-Robot Interaction
Manipulation	Contact Modelling Dexterous Manipulation Grasping Manipulation and Compliant Assembly Manipulation Planning Multifingered Hands Path Planning for Manipulators
Mechanics, Design and Control	Adaptive Control Calibration and Identification Cooperative Manipulators Dynamics

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Mechanics, Design and Control (continued)	<ul style="list-style-type: none"> Flexible Arms Force Control Kinematics Legged Robots Mechanism Design Micro/Nano Robots Motion Control Neural and Fuzzy Control Parallel Robots Redundant Robots Smart Actuators Underactuated Robots Wheeled Robots
Mobile and Distributed Robotics	<ul style="list-style-type: none"> SLAM Cellular and Modular Robots Distributed Robot Systems Localization Mapping Networked Robots Nonholonomic Motion Planning Path Planning for Multiple Mobile Robot Systems
Sensing and Perception	<ul style="list-style-type: none"> Computer Vision Force and Tactile Sensing Range Sensing Recognition Sensor Fusion Sensor Networks Sonars Surveillance Systems Visual Servoing Visual Tracking
Simulation, Interfaces and Virtual Reality	<ul style="list-style-type: none"> Animation and Simulation Haptics and Haptic Interfaces Human Performance Augmentation Physical Human-Robot Interaction Programming Environment Telerobotics Virtual Reality and Interfaces
