Special Track on
Robotics

Robotics is a multidisciplinary area of study that spans computer science, physics, electrical engineering, and mechanical engineering. Robotics covers the study, design, manufacture, and use of robots in various applications. The are many subareas of robotics where computers interface with physical environments have proven to be a major source of inspiration and provide crucial new insights into artificial intelligence. Human-robot interaction has become a major concern as numerous robots are being used in real-world applications. This track focuses on all aspects of robotics, including related areas and applications, robotics education, and intelligent autonomous systems. This special track includes research papers on robotics and its related techniques, such as AI for robotics, human-robot interaction, computer vision, pattern recognition, activity recognition, intelligence and perception, machine learning applied to robotics, motion planning, prediction and path planning. This track also includes robotics education, which teaches various AI techniques involved in robotics.

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