



## Special Track on *Robotics and Human-Robot Interaction*

Robotics is a multidisciplinary area of study across computer science, electrical engineering, and mechanical engineering. Robotics covers the study, design, manufacture, and use of robots in various applications. Robotics, computer vision, activity recognition, path planning, and the many other disciplines where computers interface to physical environments have proven to be a major source of inspiration and crucial new insights into artificial intelligence. Human-robot interaction has become a major concern as many robots have been used in real-world applications. This track focuses on all aspects of robotics, including related areas and applications, including robotics education.

This special track includes research papers on robotics and its related techniques, such as vision, perception, and planning. This track also includes robotics education, which will teach various AI techniques involved in robotics. For this year, this track features a number of robotics projects of Summer Research Experience for Undergraduate from the Advancing Robotics Technology for Societal Impact Alliance.