

New Trends in Medical and Service Robotics

MESROB 2023

This volume contains the papers of the 8th International Workshop on Medical and Service Robots (MESROB) which was held in Craiova, Romania, on June 7-10, 2023. The main topics include: design of medical devices, kinematics and dynamics for medical robotics, exoskeletons and prostheses, anthropomorphic hands, therapeutic robots and rehabilitation, cognitive robots, humanoid and service robots, assistive robots and elderly assistance, surgical robots, human-robot interfaces, haptic devices, medical treatments, medical lasers, and surgical planning and navigation. The contributions, which were selected by means of a rigorous international peer-review process, highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaboration among different specialists, demonstrating that medical and service robotics will drive the technological and societal change in the coming decades.



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