

Prof. Alon Wolf
Director, Biorobotics and Biomechanics Lab
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Prof. Wolf earned all of his academic degrees from the faculty of Mechanical Engineering at the Technion Israel Institute of Technology in Israel, receiving his Ph.D. in 2002. Immediately after receiving his Ph.D., he joined the Mechanical Engineering department at Carnegie Mellon University (CMU) as a Post-Doctoral Research Associate. A year later, he joined the Robotics Institute of CMU as well as the Institute for Computer Assisted Orthopaedic Surgery (ICAOS) as a research faculty. In March of 2006 Prof. Wolf joined the faculty of Mechanical Engineering at the Technion Israel Institute of Technology. Here he founded a new research lab, the Biorobotics and Biomechanics Lab (BRML). The objective of the research in the BRML is to develop fundamental theories in bio-kinematics and biomechanics as well as to apply these theories to applications in medical robotics and biorobotics. Prof. Wolf's work was published in many leading journals, Book chapters, and conferences (some as key note and invited lectures). Prof. Wolf is a co-inventor and co-founder of Medrobotics. Prof. Wolf's urban search and rescue snake robot and his surgical snake robot were elected best technology of 2012 and 2014 respectively, by the prestige journal of popular science.