

## **Biography**

Tamar Flash is a professor at the Department of Computer Science and Applied Mathematics, Weizmann Institute of Science, Israel. She earned her BSc and MSc degrees in Physics from the Tel-Aviv University, Israel. She received her Ph.D. in Medical Physics from the Massachusetts Institute of Technology (1983) where she was enrolled in the Harvard-MIT Division of Health Science and Technology. She continued with her postdoctoral training at MIT, at the Department of Brain and Cognitive Science and the Artificial Intelligence Laboratory (1983-1985). In 1985 she joined the Department of Computer Science and Applied Mathematics at the Weizmann Institute of Science where she established a research group, focusing on motor control and robotics where she also served as the department head (2004-2007). She was a visiting professor at MIT, the College de France, Berkeley University and a fellow at the Radcliffe Institute for Advanced Studies, Harvard University and at the Paris School of Advanced Studies. The focus of her research is on computational neuroscience, human motor control, movement disorders, soft biological and robotic systems and humanoid robots.