

Yael Edan is a Full Professor in Industrial Engineering at Ben-Gurion University of the Negev (BGU). She holds a B.Sc in Computer Engineering, Technion; M.Sc in Agricultural Engineering, Technion and PhD in Engineering, Purdue University.

Her research is application oriented and combines development and application of intelligent automation techniques (sensors, algorithms, control) with industrial engineering techniques (performance measurement, simulation, systems engineering). The advanced algorithms, tools, and systems she has developed have been presented in over 300 technical publications in leading robotics, industrial and agricultural engineering journals and conferences.

Her current robotics research focuses on agricultural robotics and human-robot cooperation with applications in assistive robots. In addition, she has made major contributions in the introduction and application of intelligent automation systems to the field of agriculture with several patents and novel algorithms and systems. She has trained over 90 graduate students who are leaders in industrial and academic positions around the world.

Prof. Edan has been involved in many international projects (USA, Japan, Europe). At BGU she has served in several management functions including Deputy Rector, Chair of the Dept. of Industrial Engineering and Management, Chair of the Paul Ivanier Center for Robotics and Production Management and is currently Director of the Agricultural, Biological and Cognitive Robotics Initiative. Prof. Edan is a member of the IEEE Robotics and Automation Society, and was member of ASAE, Society for Engineering in Agricultural, Food and Biological Systems. She has been the Chair of the Flexible Automation and Robotics/Mechatronics and BioRobotics committees.

<https://smartrobabcggu.wixsite.com/iemirl>
www.bgu.ac.il/abc-robotics

ORCID ID: 7004434501

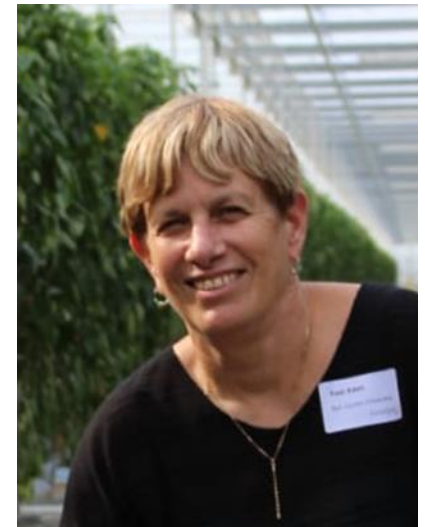
ISI Researcher ID: F-2112-2012

Scopus ID: 7004434501

<https://scholar.google.com/citations?user=khpePLwAAAAJ&hl=en>

https://www.researchgate.net/profile/Yael_Edan

<https://scholars.bgu.ac.il/display/yael>



ABC Robotics Initiative

abc-robotics@bgu.ac.il

www.bgu.ac.il/abc-robotics