

Mahdi Tavakoli

Professor at University of Alberta

mahdi.tavakoli@gmail.com

Summary

Mahdi Tavakoli is a professor in the Department of Electrical and Computer Engineering at the University of Alberta, Canada. He received his BSc and MSc degrees in Electrical Engineering from Ferdowsi University and K.N. Toosi University, Iran, in 1996 and 1999, respectively. He then received his PhD degree in Electrical and Computer Engineering from the University of Western Ontario, London, ON, Canada, in 2005. In 2006, he was a post-doctoral research associate at Canadian Surgical Technologies and Advanced Robotics (CSTAR), London, ON, Canada. In 2007-2008, and prior to joining the Department of Electrical and Computer Engineering at the University of Alberta, Dr. Tavakoli was an NSERC Post-Doctoral Fellow with the BioRobotics Laboratory of the School of Engineering and Applied Sciences at Harvard University, Cambridge, MA, USA.

Specialties: Mahdi Tavakoli's research interests broadly involve the areas of robotics and systems control. Specifically, his research focuses on haptics and teleoperation control, medical robotics, and image-guided surgery. Dr. Tavakoli is the first author of the book "Haptics for Teleoperated Surgical Robotic Systems" (World Scientific, 2008).

Experience

Professor at University of Alberta

July 2017 - Present

Associate Professor at University of Alberta

July 2014 - June 2017 (3 years)

Director of Electrical Engineering at University of Alberta

July 2013 - June 2017 (4 years)

Assistant Professor at University of Alberta

September 2008 - June 2014 (5 years 10 months)

Research Affiliate

March 2010 - February 2013 (3 years)

NSERC Postdoctoral Fellow at Harvard University

January 2007 - August 2008 (1 year 8 months)

Postdoctoral Research Associate
January 2006 - December 2006 (1 year)

Education

The University of Western Ontario
PhD, Electrical and Computer Engineering, 2001 - 2005
K.N. Toosi University
MSc, Electrical Engineering, 1996 - 1999
Ferdowsi University of Mashhad
BSc, Electrical Engineering, 1992 - 1996

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[Contact Mahdi on LinkedIn](#)