

Kolloquium

Am Dienstag, den **04. Juni 2019**, um **10:00 Uhr** hält

Professor Bijan Shirinzadeh
Monash University, Clayton, Australia

einen Vortrag zum Thema

Research in Micro/nano manipulation mechanisms at Robotics and Mechatronics Research laboratory (RMRL)

Der Vortrag findet im Raum A1 3-330 statt.

Abstract:

This presentation will focus on a recent and current research studies conducted at RMRL. These include research in the areas of design and analysis of parallel mechanisms and flexure-based mechanisms including mechanisms of various degrees of freedom; sensing for trajectory tracking; and sensory-based control including robust control of manipulation mechanisms. Further, hardware set-ups and experimental facilities will also be presented.

Bio:

Professor Bijan Shirinzadeh received engineering qualifications: Bachelors Degrees in Mechanical and Aerospace Engineering, and Masters Degrees in Mechanical and Aerospace Engineering from the University of Michigan, Ann Arbor, Michigan, USA. He was awarded a PhD in Mechanical Engineering from University of Western Australia (UWA), Australia. He is currently a full Professor in the Department of Mechanical and Aerospace Engineering at Monash University, Australia. He is also the Director of Robotics & Mechatronics Research Laboratory (RMRL). He has been an invited and keynote speaker at numerous international conferences. He has served on editorial boards of numerous international journals including IEEE Trans. Mechatronics, Assembly Automation, Mechatronics, and many more. His current research interests include advanced mechanisms and robotics; micro-nano manipulation mechanisms/systems; intelligent sensing and control; robotic-assisted minimally invasive surgery and micro-surgery; complex and autonomous systems; and manufacturing and automation sciences.

Eingeladen von: Prof. Dr.-Ing. habil. Sergej Fatikow

Weitere Kolloquiumstermine sind im WWW abrufbar.