

INAUGURATION TALK



TALK

TITLE:

Translational R&D in Medical Robotics

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ABSTRACT

Although the field of medical robotics has grown significantly in recent years, there are still many interesting developments that never reach implementation because they get stuck in the well-known "valley of death" during their development phase. This presentation will discuss some of the problems that prevent successful translation and outline possible solutions based on a successful product development.

CV

Born 1965, married, two children. Graduated in Mechanical Engineering from the Vienna University of Technology in 1991; 1991-1995: Employed with Business Consulting Company „Unseld+Partner“, Vienna - Special subject: project management, simulation studies; 1995: Cum-laude doctors degree in Technical Sciences - Special subject: Robotics; 1995-1996: Employed with „Department of Systems Engineering and Automation“ at the Scientific Academy of Lower Austria, Krems / Austria; 1996-1999: Teaching Assistant at the „Institute for Handling Devices and Robotics“ at the Vienna University of Technology; 2000-2007: Employed with ARC Seibersdorf research GmbH – Special subject: Robotics for medical applications. 2007-2010: Employed with PROFACTOR GmbH; Head of Department “Advanced Service Robotics”; development of robotic/mechatronic systems for rehabilitation and medicine. Since 2010: Chief Scientific Officer at "Austrian Center of Medical Innovation and Technology", ACMIT GmbH. Lecturer at several “Universities of Applied Sciences” (“Fachhochschulen”). More than 130 papers and presentations at scientific conferences. Member of several scientific organisations and steering committees, e.g. iSMIT, ISCAS, AAATE, CURAC, IFAC



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