

Curriculum Vitae

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Personal data

Name Michael FIGL
Date of birth February 18, 1972
Place of birth Vienna, Austria
Citizenship Austria
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Address Medical University Vienna
Center for Medical Physics and Biomedical Engineering
Währinger Gürtel 18-20, 1090 Vienna, Austria

Work experience

- 08 2015– Associate professor at the CMPBME
Research mainly in image processing applied to visualisation, radio-therapy patient positioning, image quality assurance and diagnostics
- 09 2008–07 2015 Assistant professor at the Center for Medical Physics and Biomedical Engineering (CMPBME), Medical University Vienna
- 04 2008–08 2008 Research associate at the Center for Biomedical Engineering and Physics at the Medical University Vienna
- 08 2006–04 2008 Research associate at the Department of Computing, Imperial College London
Development of an AR application for the daVinci surgical robot. Design and evaluation of a registration method using a 4D anatomical atlas of the heart.
- 04 2000–06 2006 Research position at the Center for Biomedical Engineering and Physics at the Medical University Vienna (former Faculty of Medicine at the University of Vienna)
Development of a head mounted display for augmented reality applications in minimal invasive surgery in cooperation with Life Optics Corp. Software development for a robotic system for US/CT guided biopsy in cooperation with Seibersdorf research. Software development for a virtual laryngoscopy system.
- 1994–2000 part time position as a tutor at the institute for mathematics

Education

- 2015 02 09 Teaching Certificate *Medizinische Lehre Wien (MLW)*
2014 04 25 postdoctoral lecturer qualification (Habilitation) in Medical Physics
2002 10 24 PhD in physics with distinction at the University of Vienna, thesis title *Calibration and Registration of a Head Mounted Operating Microscope for Augmented Reality Visualization in Computer Aided Surgery*
2000 03 07 MSc in mathematics with distinction at the University of Vienna, thesis in mathematical physics / PDE

Awards

High Commended poster award at the Inaugural Workshop for the Hamlyn Centre for Robotic Surgery at the Imperial College London
Magna Cum Laude at the scientific exhibitions of the European Congress of Radiology in Vienna 2003 and 2004