

Curriculum Vitae:



Michael Pircher, PhD, Associate Professor

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Present affiliation:

Center for Medical Physics and Biomedical Engineering
Medical University of Vienna
Währingergürtel 18-20, AKH 4L
A-1090 Vienna, Austria

Education:

2000-2003: PhD study of technical sciences at the University of Technology
of Vienna, Austria.

June 2003: Graduate Summer School "Biophotonics '03", Ven, Sweden

1991-2000: Study of Technical Physics at the University of Technology of Graz, Austria

1983-1991: Grammar school: Bundesrealgymnasium LEOBEN, Austria

1979-1983: Primary school: Volksschule der Stadt LEOBEN, Leoben, Austria

Career history:

since 2012: Associate Professor at Center for Medical Physics and Biomedical Engineering,
Medical University of Vienna, Austria

Dec. 2008: Habilitation in Medical Physics

2006-2012: Assistant Professor at Center for Medical Physics and Biomedical Engineering,
Medical University of Vienna, Austria

2004-2006: Post Doc, Center for Biomedical Engineering and Medical Physics, Medical
University of Vienna, Austria

2003-2004: Post Doc, Department of Medical Physics of the University of Vienna, Austria

Scientific Publications:

103 scientific papers in international, peer reviewed journals as author or co-author (14 first authorships)

9 review papers and book chapters

> 150 contributions to national and international conferences

17 invited presentations

h-index: 36, 3961 total citations (Scopus data base, January 2018)

Research grants:

Principal Investigator EU-Project MERLIN (2018-2020)

Principal Investigator EU-Project CSAORI (2016-2018)

Co-Investigator EU-Project FAMOS (2013-2017)

Principal investigator of FWF grant P22329-N20 (2010-2013).

Co-investigator of FWF grant: P-19624-B02 (2007-2010).

Co-Investigator Canon Inc. (2010-2014)

Co-Investigator Roland consult (2009)

Co investigator EU-Project Fun-OCT (2008-2012)

Editorials:

Associate Editor Biomedical Optics Express (since Sept. 2013)
Guest Editor for a feature issue in Biomedical Optics Express (2011)
Guest Editor for a feature issue Applied Sciences (2016/2017)
Editor for ISRN Optics.
Review Editor for Frontiers in Biomedical Physics

Program committee member:

Biomed 2012 (OSA), EOS annual meeting 2012, EOS annual meeting 2014, ECBO-2013 (OSA), ECBO-2015 (OSA). Biomed 2016 (OSA), ECBO-2017 (OSA).

Reviewer of following international journals:

Nature Photonics, Ophthalmology, Investigative Ophthalmology and Visual Science, British Journal of Ophthalmology, Optics Letters, Optics Express, Biomedical Optics Express, Applied Optics, Journal of Biomedical Optics, Journal of the Optical Society of America A, Optics Communications, IEEE-Journal-of-selected-Topics-in-Quantum-Electronics, IEEE Photonics Technology Letters, Measurement Science & Technology, International Journal of Biomedical Imaging, Journal of Zhejiang University Science, Acta Ophthalmologica, Applied Physics B, Clinical Ophthalmology, Expert review Ophthalmology, Imaging in Medicine, Journal of Vision, US-Ophthalmic review, Transactions in Biomedical Engineering.

Supervisor and co-supervisor of students/PostDocs:

3 PostDocs
13 PhDs
8 Diploma students
6 Bachelor students

Patents:

Method for determining exudates in the retina WO 2010122118 A1
Method and apparatus for processing polarization data of polarization sensitive optical coherence tomography US 9279660 B2

Memberships:

SPIE (The Society of Photo-Optical Instrumentation Engineers)
OSA (Optical Society of America)
ARVO (The association for Research in Vision and Ophthalmology)

Awards:

Outstanding poster presentation, Gordon Research Conference "Lasers in Medicine and Biology" (2004)
Outstanding poster presentation, Gordon Research Conference "Lasers in Medicine and Biology" (2006)
Habilitationpreis 2009 (habilitation price) from the VFWF, Austria
Senior Membership OSA (2016)