

## **Curriculum Vitae:**



**Michael Pircher**, PhD, Associate Professor

ORCID:0000-0001-9285-7527

<https://orcid.org/0000-0001-9285-7527>

Birth date: 12.09.1973

### **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:**

142 scientific papers in international, peer reviewed journals as author or co-author (14 first authorships)  
10 review papers and book chapters  
> 150 contributions to national and international conferences  
25 invited presentations  
h-index: 48, 6756 total citations (Scopus data base, July 2023)

### **Research grants:**

Principal Investigator EU-Project MERLIN (2018-2021)  
Co-Investigator of FWF SFB grant (2018-2025)  
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 Optica (since Oct. 2019)

Associate Editor Biomedical Optics Express (Sept. 2013-Sept2019), full 6 year term.

Guest Editor for a feature issue in Biomedical Optics Express (2018)

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), ECBO-2019 (OSA), Biophotonics Congress-2021 (OSA), ARVO annual meeting (2022), Biomed 2022 (Optica), ARVO annual meeting (2023).

**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:**

5 PostDocs, 13 PhDs, 8 Diploma students, 6 Bachelor students

**Patents:**

- 1) A polarization OCT apparatus WO2015105034 (A1)
- 2) Method for determining exudates in the retina WO 2010122118 A1
- 3) Method and apparatus for processing polarization data of polarization sensitive optical coherence tomography US 9279660 B2
- 4) Tomographic imaging apparatus, tomographic imaging method, image processing apparatus, image processing method, and program WO2016120933 (A1)

**Memberships:**

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

**Awards:**

Fellow Membership Optica (2021), Senior Membership OSA (2016), Habilitationspreis 2009 (habilitation price) from the VFWF, Austria, Outstanding poster presentation, Gordon Research Conference "Lasers in Medicine and Biology" (2004 and 2006).