

Michal Bednařík

Teacher

 +420 2 2435 2308

 bednarik@fel.cvut.cz

Experience

2007 **Associate Professor and Head of physical laboratories**
Faculty of Electrical Engineering, Czech Technical University in Prague, Department of Physics
Teaching: General physics, Acoustic Laboratories, Calculus, Linear algebra.

1995 - 2007 **Assistant Professor**
Faculty of Electrical Engineering, Czech Technical University in Prague, Department of Physics
Teaching: General physics, Introduction to Acoustics, Acoustic Laboratories, Calculus

Education

1992 - 1997 **Dr. (Ph.D. equivalent) in Acoustics at Faculty of Electrical Engineering, Czech Technical University in Prague**
Thesis: Propagation of nonlinear acoustic waves in fluids

1984 - 1989 **Ing. (M.Sc. equivalent) at Faculty of Electrical Engineering, Czech Technical University in Prague**
Thesis: Optimal choice of self-correcting codes

Professional Activities

Acoustical Society of America

Associate member

Czech Acoustical Society

Vice chairman of the section of Nonlinear and physical acoustics

Research Interests

Nonlinear acoustics (high-amplitude standing waves, sound beams)

Acoustic fields in inhomogeneous domains

Sound generation by fluid flow

Stay abroad

2016 **Laboratoire d'Acoustique de l'Université du Maine - position of visiting professor**

2013 **Laboratoire d'Acoustique de l'Université du Maine - position of visiting professor**

Reviewer

Journal of Applied Physics, Acta Acustica united with Acustica, The Journal of the Acoustical Society of America, and Proceedings of The Royal Society A, Journal of Sound and Vibration