

## **Adam Bouřa**

Born on 22.1.1980 in Ostrava, Czechoslovakia



### **Education**

- 2012 Ph.D. degree in Electronics, Faculty of Electrical Engineering, Czech Technical University in Prague, Czech Republic
- 2004 Dipl.-Ing. (MSc) degree in Microelectronics, Faculty of Electrical Engineering, Czech Technical University in Prague, Czech Republic
- 1998 Grammar school, Czech Republic

### **Experience**

- 2006 - Now Assistant professor, CTU, FEE, Dept. of Microelectronics, Czech Republic
- 1.3-31.12.2017 Institute of Physics of the Czech Academy of Science, Research and development specialist
- 2005 - 2006 Research fellow, CTU, FEE, Dept. of Microelectronics, Czech Republic
- 2008 - 2009 Educational stay in Prague design center ST Microelectronics, Czech Republic. Work was focused on IC design and design of the circuits in current mode.
- 2002 Eight weeks internship in Czech Design Center, On Semiconductor, Rožnov pod Radhoštěm. Czech Republic, work was focused on switched power supplies, IC design and simulations in Cadence program and measurement with final chips

### **Areas of experience:**

- Design of analog integrated circuits (Cadence)
- MEMS design (CoventorWare)
- Design of evaluation electronics and sensor transducers (OrCAD, Spice, Maple)
- PCB design (Eagle, OrCAD)
- Programming of microcontrollers (8-bit Atmel, 32-bit ARMmbed, C++)
- Programming (C#, PHP, JavaScript, HTML)
- University teaching experience (Electronics, Sensor systems, Microsystems)
- Member of research groups within five national and European grants
- Author of more than 25 scientific and technical papers

### **Software skills:**

- Spice, Cadence, CoventorWare, Eagle, OrCAD, C++, HTML, PHP, Maple