

Curriculum Vitae

Vladimír Sobota

Personal Data:

Family name: Sobota
First name: Vladimír
Date of birth: June 1st, 1990
Place of birth: Vrchlabí, Czech Republic
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Education:

Degree: BSc. (Bc.), summa cum laude; Institution: Czech Technical University in Prague, Faculty of Biomedical Engineering; thesis: "The Use of Electrical Impedance Tomography for Monitoring Changes in Fluid Balance"; 2013.

Non-degree exchange student; Institution: Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen, Faculty of Medicine, study programme: Biomedical Engineering Science; October 2014 – present

Short time courses: Signal processing in MATLAB and Simulink (Humusoft s.r.o., November 22nd, 2012, Prague, Czech Republic).

Languages:

English (CEFR level B2)
German (CEFR level B1)

Awards and Honours:

Young Researcher – Mention, awarded by the Scientific Committee of the 4th IEEE International Conference on E-Health and Bioengineering, Grigore T. Popa University of Medicine and Pharmacy, Iasi, Romania, November 21st – 23rd, 2013.

Publications:

Suchomel, J., Sobota, V.: A model of end-expiratory lung impedance dependency on total extracellular body water. *Journal of Physics: Conference Series*, vol. 434, 2013.

Sobota, V., Suchomel, J.: Monitoring of pulmonary embolism using electrical impedance tomography: A case study. *E-health and Bioengineering Conference (EHB)*, 2013.

Masopustová, M., Sobota, V., Marešová, Z., Ráfl, J., Rožánek, M.: Changes of the electrode plain position within the recommended area affect significantly the results of ventilation analysis using EIT. *The 6th Biomedical Engineering Conference of Young Biomedical Engineers and Researchers (YBERC)*, 2014