

Curriculum Vitae

Markéta Masopustová

Personal Data:

Family name: Masopustová
First name: Markéta
Date of birth: November 29, 1989
Place of birth: Planá u Mariánských Lázní, Czech Republic
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Education and Professional Studies:

Degree: M.Eng. (Ing.); Institution: Czech Technical University in Prague, Faculty of Biomedical Engineering; thesis: “Effect of tomographic plane on results of electrical impedance tomography”; 2014

Degree: Bachelor (Bc.); Institution: Czech Technical University in Prague, Faculty of Biomedical Engineering; thesis: “Monitoring of the development of lung resistivity”; 2012

Appointments:

Date: 2014 – present
Organization: Czech Technical University in Prague, Faculty of Biomedical Engineering
Position: Development Engineer

Professional Membership:

Member: Non-conventional Ventilatory Team. Prague, Czech Republic (since 2011)

Current research grants (where I am the member):

Grant Agency of The Ministry of The Interior of The Czech Republic (VG20102015062) “Research in the Fire Rescue Service and other constituents of the Integrated Rescue System of the Czech Republic/Ventilator for artificial lung ventilation of patients in contaminated and decontaminating areas” (Výzkumná podpora HZS ČR a dalších složek IZS ČR/Vývoj ventilátoru pro umělou plicní ventilaci pacientů v kontaminované a dekontaminační zóně). Years 2010–2015.

Awards and Honours:

Best Article Award of the CSS IEEE EMB of 6th IEEE International Young Biomedical Engineers and Researchers Conference, Bratislava, July 2 - 4, 2014.

Publications:

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