

Curriculum vitae

Personal data

Name: Ing. Zdeněk Braier, Ph.D.
Date of birth: 25 April 1977, Litoměřice
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Education

2014 – 2020 Technical University of Liberec
Faculty of Mechatronics and Interdisciplinary Engineering Studies
Ph.D., doctoral study programme Technical Cybernetics
1996 – 2003 Technical University of Liberec
Faculty of Mechatronics and Interdisciplinary Engineering Studies
Ing., master study programme Automatic Control and Applied Computer Science

Work experience

2013 – present VÚTS, a.s.
Measurements Department, R&D worker
2012 – 2013 AKT Plastikářská technologie Čechy, s.r.o.
R&D manager
2006 – 2012 DENSO Manufacturing Czech, s.r.o
Product Engineering and VAVE, Coordinating designer
2003 – 2006 MZ Liberec, a.s.
Design engineer

Research output list of the last five years

Pustka, M., Braier, Z.: Model of a Linear Motor Mechanical Load. ACC Journal, Issue A, Natural Sciences and Technology 26(1), pp. 47-53, 2020. ISSN 2571-0613 (online), DOI: 10.15240/tul/004/2020-1-004

Braier Z., Šidlof P., Fišer P.: Measurement, evaluation and comparison of positioning accuracy and other SGT linear motor quantities. In: 14th International Conference Mechatronic Systems and Materials MSM2018, AIP Conference Proceedings Vol. 2029. Opole University of Technology 2018, pp. 0200081-0200088, ISBN 978-0-7354-1451-9

Braier Z., Šidlof P., Klouček P.: Usage of 3D CAD Software for Verification and Representation of Real Machine Measurement and Results. In: Proceedings of 55th International Scientific Conference, Experimental Stress Analysis EAN2017. TU of Košice 2017, pp. 264-272. ISBN 978-80-553-3166-9

Braier Z., Šidlof P., Čejka V., Žďárek P.: New method of contactless measurement and analysis of CNC machine spindle lopping. In: Proceedings of XII International Conference on the Theory of Machines and Mechanisms. TU of Liberec 2016, pp. 365-370. ISBN 978-3-319-44086-6

Šidlof P., Braier Z., Klouček P., Ondrášek J.: Unexpected vibration of relatively simple cutting machine mechanism. In: Proceedings of XII International Conference on the Theory of Machines and Mechanisms. TU of Liberec 2016, pp. 129-135. ISBN 978-3-319-44086-6

Šidlof, P., Braier, Z.: Method and device for separating a rod-like or tubular object made of a brittle material. IPC: C03B33/06. EP3480173B1. 2019-12-04.

Šidlof, P., Braier, Z.: Způsob a zařízení k dělení tyčovitého nebo trubkovitého předmětu vytvořeného z křehkého materiálu. IPC: C03B33/06. CZ 307546 B6. 2018-11-21.