

Curriculum vitae

Personal data

Name: Ing. Pavel Klouček, Ph.D.
Date of birth: 22 November 1975, Liberec
Nationality: Czech
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Education

2001 – 2007 Technical University of Liberec
Faculty of Mechatronics and Interdisciplinary Engineering Studies
Ph.D., doctoral study programme Technical Cybernetics
1994 – 1999 Technical University of Liberec
Faculty of Mechatronics and Interdisciplinary Engineering Studies
Ing., master study programme Automatic Control and Applied Computer Science

Work experience

2017 – present VÚTS, a.s.
Measurements Department, Manager
2010 – 2016 VÚTS, a.s.
Measurements Department, Assistant Manager
2000 – 2009 VÚTS, a.s.
Measurements Department, R&D technician

Research output list of the last five years

Patent EP 2998036 Adamek, Škop, Klouček, Pomp: Method and apparatus for bobbin classification according to the stiffness of a yarn package

Patent CZ 306305 Škop, Founě, Šidlof, Klouček, Čejka, Haška, Griesshammer, Malina, Kübler: Method of continuously measuring roving cohesive force or that of a similar fibrous formation and apparatus for making the same

Patent CZ 306608 Šidlof, Škop, Klouček, Čejka, Bušek: A method of measuring yarn extension and similar longitudinal formations, and a device for implementing the method

Richter, Klouček: Rotary table machine accuracy verification, EAN 2017, Nový Smokovec, ISBN 978-80-553-3167-6

Klouček P., Pomp N.: Advanced Methods of Cutting Process Analysis, Mechatronic systems and materials 2018, Poland – Zakopane, 2018, ISBN 978-0-7354-1751-9

Brandt J. Klouček P.: Development of Precise Multichannel Device for Dynamic Measurements with Incremental Encoders on NI Platform, World Congress on Engineering 2018 Volume I, Great Britain – London, 2018, ISBN 978-988-14047-9-4

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

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

Professional achievements

Guarantor of Research topic 1 in project NCKS (Národní centrum kompetence strojírenství) (2019-2021)

Project FV20122 New system of production process control for viscose yarn – SMART FACTORY (Glanzstoff Bohemia s.r.o. 2017 – 2020)

Project FV10099 Application of „Industry 4.0“ principles in spinning mills (Rieter CZ, s.r.o. 2016-2019)

Other key professional activities

2014-2015 Lecturer – Electronic systems of vehicles, for FM TUL

2018 Lecturer – Measurement engineering, for FM TUL