

CURRICULUM VITAE



Name: Michal Sasiadek

Affiliation: University of Zielona Góra (UZG), Faculty of Mechanical Engineering,
Institute of Computer Science and Production Management

Address: Prof. Szafrana 4, 65-516 Zielona Góra, Poland

Current position: Assistant Professor
Vice - Director of Institute of Computer Science and Production Management

Tel No: + 48 68 3282726

Fax No: + 48 68 3282620

Email: m.sasiadek@iizp.uz.zgora.pl

Home Page: www.wm.uz.zgora.pl

- Qualifications & designation:** Ing. (M.Sc.) in Mechanical Engineering, (Ph.D.)
in Mechanical Engineering and Machine Operation,
- Education:** 2001 – 2009 University of Zielona Góra, academic title: Doctor of Science, academic area: Mechanical Engineering and Machine Operation, thesis title: *Assembly sequence planning and selection in concurrent designing of machine elements and units*
1996 - 2001 Zielona Góra University of Technology, MSc studies, major Mechanical Engineering and Machine Operation, Construction and Management specialisation, obtained the title Ing. (M.Sc.)
- Employment:** 2012 – Vice Director of Institute of Computer Science and Production Management, Faculty of Mechanical Engineering, University of Zielona Góra,
2010 – Assistant Professor, Faculty of Mechanical Engineering, University of Zielona Góra
2008 – 2010 Consultant in Enterprise Europe Network, B2Europe West Poland Consortium, Centre for Enterprise and Technology Transfer, University of Zielona Góra (part-time job),
2008 – 2009 WH-KOTE s r.o., CZ (mandate agreements),
2006– 2009 Laboratory Deputy Manager, Quality Manager, Laboratorium Badań ZINSTAL, Zielona Góra (part-time job),
2001 - 2010 Assistant Lecturer, Faculty of Mechanical Engineering, University of Zielona Góra.
- Research:** Theory and methodology of engineering design, engineering design of machines and machine parts, concurrent engineering, theory and methodology of design for X (mainly design for assembly), computer aided design, lean manufacturing.
- Industry projects:** Editing of Quality Book and provisions concerning management and supervision), Laboratorium Badań ZINSTAL, Zielona Góra, 2008
Risk analysis of the hazards for the *CAB-9.57.2,5.E technology line*, Seco Warwick Thermal, Świebodzin; Polska, 2011
Risk analysis of the hazards for the *line based on rotary retort furnace re-1200 type*,
Estimation of reliability and MTBF determination of *aggregate ARRE-R-1200*, 2011,
Risk analysis of the hazards for the *AMCE – BA – 2x1200H process line for SANDVIK*, 2011,
Preparing construction documentation of furnaces, Kotły – Komendant, Zielona Góra,
FMEA analysis for *PEK line* – Seco Warwick, 2012,
Structural strength analysis of pillars and crane beams, project of a crane beam for Spomasz, Żary, 2006
Project and strength calculations of a scissors jack for bulky/large-size goods of load capacity reaching 1450 kilos, ECSerwis, 2005
- Teaching topics:** Engineering graphics, computer aided engineering, basics of computer aided designing, technical systems, technical production preparation
- Teaching Experience:**
2001 – Faculty of Mechanical Engineering UZG, Lectures, Exercises, Projects, Labs, subjects: Descriptive geometry, Basics of engineering designing, Computer aided engineering, Operation research, Optimisation of production flow, Technical production preparation,
2009 – Uczelnia Zawodowa Zagłębia Miedziowego, Lubin, Lectures, Exercises, Projects, Labs, subjects: Materials science, Metrology and measuring systems, Production processes, Process automation,
2010/12, 2013/14 – Miedziowe Centrum Kształcenia Kadr, Lubin, post-graduate studies, subjects: Lean Engineering, Lean management, Work time standardising – MTM method

2009 – 2015 - University of West Bohemia (Erasmus programme), lectures for students in subjects: Engineering design, Design for Assembly,

Inter and national grants:

2012 – 2013 – Realisation of the project *Kreator Innowacyjności – wsparcie innowacyjnej przedsiębiorczości akademickiej* – a programme of Minister of Science and Higher Education PL

2008 – 2010 Realisation of the European project *Enterprise Europe Network in B2Europe West Poland Consortium* („Business support on your doorstep”, position – consultant)

2008 - 2009 Realisation of a supervisor research grant on *Assembly sequence planning and selection in concurrent designing of machine elements and units* (finished with the obtainment of the title of Doctor of Science)

2006 - 2008 Realisation of a European grant *Primary recycling of polyolefin-mixed films for high-added value applications in the blow moulding industry* – research subject realised within EU 6 Framework Programme

Other activities:

member of the Faculty Board, Faculty of Mechanical Engineering UZG in 2012 - 2016,

member of the Institute Board, Institute of Computer Science and Production Management, Faculty of Mechanical Engineering UZG in 2012 – 2016,

member of the Faculty Commission for Teaching Quality since 2012,

member of the team *Továrny budoucnosti - Factories of the Future* (University of West Bohemia, Pilsen, CR) since 2012,

member and secretary of Zielona Gora’s division of *Polskie Towarzystwo Zarządzania Produkcją* (Polish Society of Production Management) since 2006,

member of the Design Society since 2015

Selected publications (5 years):

Assembly sequence planning with the principles of design for assembly / Michał Szaśiadek // In: DS 80-4 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 4: Design for X, Design to X, Milan, Italy, 27-30.07. 15. 2015

Planning and analysis of mechanical assembly sequences in design engineering - part I: the method / Michał Szaśiadek // *Tehnički Vjestnik = Technical Gazette* .- 2015, Vol. 22, no. 2, s. 337--342

Planning and analysis of mechanical assembly sequences in design engineering - part II: application / Michał Szaśiadek // *Tehnički Vjestnik = Technical Gazette* .- 2015, Vol. 22, no. 3, s. 643--648

Computer aided mechanical assembly sequence planning / Michał Szaśiadek // W: The 3rd International Conference on Design Engineering and Science - ICDES 2014. Pilsen, Czechy, 2014 .- Pilsen, 2014 .- Vol. 1, s. 11--16

Design for disassembly and reverse logistics - a new challenge for concurrent engineering / Ryszard Rohatyński, Michał Szaśiadek // W: Tools and Methods of Competitive Engineering - TMCE 2014 : proceedings of the tenth international symposium. Budapest, Węgry, 2014 .- Delft : Delft University of Technology, 2014, s. 1627--1634 .- ISBN: 9789461861764

Applications of the lean it principles - comparison study in selected Czech and Polish companies / Josef Basl, Michał Szaśiadek // W: Networking Societies - Cooperation and Conflict - IDIMT-2014 : 22nd Interdisciplinary information management talks. Poděbrady, Czechy, 2014 .- Linz, 2014 .- Schriftenreihe Informatik (43), s. 95--101

Error identification and reliability analysis in product design / Michał Szaśiadek, Wojciech Babirecki, Andrzej Miliszewski // W: Toyotarity. Production factors : monography / ed. by S. Borkowski, P. Sygut .- Dnepropetrovsk : Published by Yurii V. Makovetsky, 2011 - s. 73--88 .- ISBN: 978-966-1507-73-8

Languages:

English

Czech

Russian (basics)

Hobby:

Technology and engineering, sport, tourism/travels, home beer brewing