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CURRICULUM

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| 1996 | Master degree in the field of Business Economics |
| 2006 | PhD. in the field of Economic Theory |
| 2014 | Associate Professor in the field of Industrial Engineering |

LANGUAGES

- English

SCIENTIFIC FOCUS

- industrial engineering
- sustainable production
- circular economy
- innovations

TEACHING

- Ergonomics, analysis and measurement of work
- Business information system
- Database systems
- Marketing

PROJECTS

- **VEGA 1/0438/20** Interaction of digital technologies to support software and hardware communication of the advanced production system platform
- **KEGA 019TUKE-4/2022** Preparation of managers of new production structures of the future on the principles of Overall Equipment Effectiveness (OEE) through the education of students in the subject of Production Management in the study program of Industrial Engineering.
- **KEGA 002TUKE-4/2020** Implementation of intelligent technology and advanced technologies to support transformation processes and future product design.

MEMBERSHIPS, AWARDS

- Member of Slovak Ergonomic Association
- Membership in scientific committees of foreign conferences

FOREIGN STAYS

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|------|----------------------------------|
| 2022 | Haaga-Helia University (Finland) |
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SELECTED PUBLICATIONS

- [1]. Implementation of Circular Economy Technologies: An Empirical Study of Slovak and Slovenian Manufacturing Companies / Sebo, Juraj ; Sebova, Miriam ; Palcic, Iztok, Sustainability (2021)
- [2]. Comparison of advanced methods for picking path optimization: case study of dual-zone warehouse / Sebo, J. and Busa, J., Jr., International Journal of Simulation Modeling (2020)
- [3]. A contingent valuation study of a polluted urban lake in Kosice, Slovakia: The case of the positive distance effect / Sebo, Juraj ; Grof, Marek ; Sebova, Miriam, Journal of Environmental Management (2019)
- [4]. Weaknesses of Genetic Algorithms with Precedence Preservative Crossover and Mutation in Disassembly / Juraj Šebo, Miriam Šebová - 2016. In: International Journal of Industrial Engineering and Management. Vol. 7, no. 3 (2016)
- [5]. Conditions and factors affecting suitability of reuse and recycling as options for the handling with unneeded mobile phones / J. Šebo, T. Rosenfelderová - 2014. In: Journal of Production Engineering. Vol. 17, no. 2 (2014)