Mihael Debevec, PhD

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Languages:

- Active: English
- Passive: croatian (serbian), german

Education:

2000 Diploma thesis, University of Ljubljana, Faculty of Mechanical Engineering
2010 Doctoral thesis, University of Ljubljana, Faculty of Mechanical Engineering

Academic and Scientific/Research Title:
Assistant, Doctor (Ph. D.)

Career and Professional Development/Employment:

2000-dec. 2004 Worked at University of Ljubljana, Faculty of Mechanical Engineering as young researcher
dec. 2004-2006 Worked at University of Ljubljana, Faculty of Mechanical Engineering as technical associate
2007- Worked at University of Ljubljana, Faculty of Mechanical Engineering as assistant and researcher

Election
2019: Assistant, sixth election, Manufacturing Technologies and Systems

Research work on the following areas:

- 2D and 3D simulation of manufacturing processes
- Logistics in manufacturing systems and processes
- Robotic simulation and implementation
- Advanced grippers in automation
- Integration of digital twins to manufacturing process with connections to informational systems
- Manufacturing layout optimization
- Automatization of manufacturing processes in manufacturing systems
- Identification and tracking in manufacturing systems

- Automation of parts orienting and feeding

Work on several R&D domestic and international projects in the field of basic, applied / developmental and especially industrial research in Slovenia, Austria, and Serbia. He is active mainly in the fields of development of advanced simulation models of the production process within the scope of project tasks for industry.

Publications:
https://bib.cobiss.net/bibliographies/si/webBiblio/bib201_20200420_110827_a5041507.html

Pedagogic:
Assistant for the subjects:
2nd Cycle Master's Study Programme: Assembly and handling systems (6226)
2nd Cycle Master's Study Programme: Assembly and handling systems (6226) – ERASMUS+
2nd Cycle Master's Study Programme: Optimization of manufacturing processes (6223)
1st Cycle Academic Study Programme: Handling of materials and resources (3072)