

# József Szólósi

assistant lecturer – PhD student

Eötvös Loránd University, Faculty of Informatics,  
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## EDUCATION, DEGREES

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- 2017/02**      **Certified welding engineer, International welding engineer (EWE/IWE)**  
Thesis title: *The Designing of beam welding technologies for carbon steel structures*  
Budapest University of Technology and Economics, Mechanical Engineering, Department of  
Material Science and Technology, Budapest, Hungary
- 2003/06**      **Certified mechanical engineer, General Mechanical Design**  
Thesis title: *Design of a multi-spindle wooden lathe*  
University of Miskolc, Faculty of Mechanical Engineering, Department of Mechanical Elements,  
Miskolc, Hungary
- 1997/06**      **Mechatronics technician**  
Brassai Sámuel Technical High School, Debrecen, Hungary

## WORKPLACES

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- 2019 -**      **Assistant lecturer, PhD student**  
Eötvös Loránd University, Faculty of Informatics,  
Savaria Institute of Technology
- 2013 – 2019**      **Lean coordinator, Lean Process Development team leader, Welding engineer, Weld. coord**  
BPW-Hungária Ltd.
- 2010 – 2013**      **Process engineer, Production technologist**  
Epcos Ltd.
- 2008 – 2010**      **Tool designer**  
Audi Hungária Motor Ltd.
- 2005– 2008**      **Tool design engineer**  
Luk Savaria Ltd.

## CERTIFICATES

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- MT2, VT2 Non-destructive material testing qualification, Hidra Ltd., Budapest
- Six Sigma Black Belt, Euzert Union Training Ltd., Budapest
- Six Sigma Green Belt, Vincotte Ltd., Budapest
- Lean Kaizen, TPM, VSM, SMED courses, AA. Stádium Ltd., Szombathely
- Project Management Training, Holmen Ltd., Szombathely
- Workshop facilitation - Facilitation techniques training, Szóműhely Consulting Ltd., Szombathely

- FMEA, MSA, SPC courses, Vincotte Ltd., Budapest
- Catia V5 software operator course, Audi HM Ltd., Győr
- ProE design software operator course, LUK-Bühl Ltd., Germany
- Festo Didactic basic and advanced (PLC) courses, Festo Ltd., Miskolc

## **RESEARCH AREA**

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- Welding processes, welding equipment, beam welding processes (laser, electron beam)
- Materials science,
- Manufacturing technologies,
- Computer aided design and manufacturing,
- Production systems,
- LEAN management,

## **SUBJECTS**

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University (Bsc) level:

- Computer Aided Design - CAD 1.
- Manufacturing Technology 2.
- Manufacturing Technology 3.
- Manufacturing Technology 4.
- CNC and CAM 2.

## **LANGUAGES**

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- English: A2
- German: B2
- Hungarian: Native (C2)

## **SOFTWARE SKILLS**

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- Microsoft Windows, Microsoft Office, Project, Visio,
- AutoCad, SolidEdge, Catia, ProE, Ideas, Autodesk Inventor, Autodesk Inventor
- EdgeCam, Sinutrain
- Minitab

## **PUBLICATIONS**

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1. József, Szőlősi: The Designing of beam welding technologies for carbon steel structures  
In: Jurij, Sidor; László, Kollár (szerk.) Workshop on Innovative Materials Processing, Applications in Energy Engineering and System Control: Innovative processing technologies, applications of energy engineering and implementation of wide range techniques for microstructure investigation  
Szombathely, Magyarország: ELTE Informatikai Kar, Savaria Műszaki Intézet, (2019) pp. 25-29., 5 p.
2. János, Hegedűs-Kuti; József, Szőlősi; Dániel, Varga; Gábor, Farkas; Tamás, Ruppert; János, Abonyi; Mátyás, Andó: 3D Scanning and Model Error Distribution-Based Characterisation of Welding Defects  
HUNGARIAN JOURNAL OF INDUSTRY AND CHEMISTRY 49: 2 pp. 3-7., 5 p. (2021)