

CURRICULUM VITAE

1. GENERAL

Name: PETAR TASIĆ

Current position: Teaching professor
Address: International University of Sarajevo
Hrasnička cesta 15
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Bosnia and Herzegovina

Phone: +387 33 957 101
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Date of birth: 12 October 1982

2. EDUCATION

Year: 2022
Achieved title: Doctor of Philosophy in Mechanical Engineering
Title of dissertation: Research on heat input influence on geometry and quality of GMAW fillet welds
Institution: University of Sarajevo, Mechanical Engineering Faculty

Year: 2013
Achieved title: Master of Science in Mechanical Engineering
Institution: University of Sarajevo, Mechanical Engineering Faculty

Year: 2010
Achieved title: Diploma in Mechanical Engineering
Title of thesis: Prediction of temperature fields in workpiece and tool during FSSW by using FEA
Institutions: Technical University Graz and University of Sarajevo, Mechanical Engineering Faculty

3. WORKING EXPERIENCE

Period: 2022 onward
Position held: Assistant Professor
Field: Manufacturing engineering
Institution: University of Sarajevo and International University of Sarajevo

Period: 2013 – 2021
Position held: Senior teaching assistant
Field: Manufacturing engineering
Institution: University of Sarajevo

Period: 2010 – 2013
Position held: Teaching assistant
Field: Manufacturing engineering
Institution: University of Sarajevo

Period: 2007 – 2009
Position held: Junior Researcher in Project „Innovative techniques for chain welding”
Institution: Technical University Graz, Institute for materials and welding

4. PAPERS PUBLISHED IN LAST 5 YEARS

4.1 Papers in indexed publications

1. D. Hodžić, A. Pandžić, I. Hajro, **P. Tasić**, *Strength comparison of FDM 3D printed PLA made by different manufacturers*, TEM Journal, ISSN: 2217-8309, eISSN: 2217-8333, pp. 966-970, 2020.
2. I. Hajro, **P. Tasić**, Z. Burzić, T. Vuherer, *Fitting curves and impact toughness transition temperature of quenched and tempered steel welds*, Periodicals of Engineering and Natural Sciences, 2020, 8(3), pp. 1193-1201
3. I. Hajro, **P. Tasić**, *Influence of Heat Input and Welding Position on Geometrical Properties of GMAW fillet Welds of Unalloyed Steel*, TEM Journal, ISSN: 2217-8309, eISSN: 2217-8333, pp. 496-500, 2020.
4. D. Hodžić, A. Pandžić, I. Hajro, **P. Tasić**, *Strain rate influence on mechanical characteristics of FDM 3D printed materials*, Proceedings of the 31st DAAAM International Symposium on Intelligent Manufacturing and Automation, Vol. 31, No.1, ISSN 1726-9679, ISBN 978-3-902734-29-7, pp. 168-175, 2020.
5. A. Pandžić, D. Hodžić, I. Hajro, **P. Tasić**, *Strength properties of PLA material obtained by different models of FDM 3D printer*, Proceedings of the 31st DAAAM International Symposium on Intelligent Manufacturing and Automation, Vol. 31, No.1, ISSN 1726-9679, ISBN 978-3-902734-29-7, pp. 315-322, 2020.
6. **P. Tasić**, I. Hajro, D. Hodžić, A. Pandžić, *Prediction of geometry of pulsed GMAW fillet welded joints of structural steels*, Proceedings of the 31st DAAAM International Symposium on Intelligent Manufacturing and Automation, Vol. 31, No.1, ISSN 1726-9679, ISBN 978-3-902734-29-7, pp. 444-452, 2020.
7. **P. Tasić**, I. Hajro, D. Hodžić, A. Pandžić, *Selection charts for structural steels regarding design criteria and trending properties*, Proceedings of the 31st DAAAM International Symposium on Intelligent Manufacturing and Automation, Vol. 31, No.1, ISSN 1726-9679, ISBN 978-3-902734-29-7, pp. 453-458, 2020.
8. A. Čolo, **P. Tasić**, I. Hajro, *Investigation of Primer Influence on Strength of Aluminium Specimens Bonded by VHB Tape*, Lecture Notes in Networks and Systems, 76, pp. 130-135, 2020
9. A. Bjelopoljač, **P. Tasić**, M. Obućina, I. Hajro, *The Effect of Test Temperature on Lap Shear Test Results of Two-Component Epoxy/Metal Adhesive-Bonded Aluminum*, Lecture Notes in Networks and Systems, 60, pp. 537-543, 2019

4.2 Papers in international peer-reviewed publications

1. **P. Tasić**, A. Softić, I. Hajro, *Research on welding parameters influence on quality of pulsed GMAW welds in overhead position*, 13th Research/Expert Conference with International Participation - Quality 2023, Neum, ISSN 1512-9268, Proceedings, pp. 29-34, 2023.
2. B. Hodžić, **P. Tasić**, I. Hajro, *Characterization of Pulsed GMAW Including Recording of Dynamic Characteristic and Heat Input Calculation*, Zavarivanje i zavarene konstrukcije, ISSN 0354-7965,

67(1), pp. 20-26, 2022

3. **P. Tasić**, I. Hajro, *Heat input influence on geometry of GMAW fillet welds made on unalloyed structural steels*, Zavarivanje i zavarene konstrukcije, ISSN 0354-7965, 66(4), pp. 161-167, 2021

5. BOOKS

1. D. Hodžić, **P. Tasić**: „Materijali I – Zadaci sa izvodima iz teorije“, University of Sarajevo, 2021. (CIP in NUB B&H Sarajevo, 621.74(075.8); ISBN 978-9958-601-96-5; COBISS.BH-ID 43493638).

6. PROJECTS

1. *Project*: Formation of laboratory for surface processing analysis in metal- and wood-working industry
Period: 2021 – 2022
Position held: Project staff
2. *Project*: Training of welders and welding instructors for Volkswagen Sarajevo
Period: 2016
Position held: Project staff

August 10 2023

Petar Tasić