

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE,  
PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT**

**Ing. Csaba Attila GHEORGHIU student doctorand**

**1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)**

1. –

**2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings**

- ✓ 1. C. A. Gheorghiu, T. Hepuț and E. Popa, “The optimisation of the viscosity of lubricating slags used in the continuous casting of steel”, ICNAAM 2015, Rhodes, Grece, September 2015, (AIP Conf. Proc. 1738, 080004 (2016)), (WOS:000380803300089).
- ✓ 2. C. A. Gheorghiu, E. Ardelean and T. Hepuț , “The influence of chemical composition of the slags on the surface tension used in the continuous casting of steel”, ICNAAM 2015, Rhodes, Grece, September 2015 (AIP Conf. Proc. 1738, 080005 (2016)), (WOS:000380803300090).
- ✓ 3. G. O. Tirian, C. A. Gheorghiu, T. Hepuț, C. P. Chioncel, “New solutions to control water flow in the secondary cooling”, 17th IEEE International Symposium on Computational Intelligence and Informatics (CINTI) Budapest, pp 363-368, HUNGARY, 2016, (WOS:000399130100064).
- 4. G. O. TIRIAN, C. A. GHEORGHIU, T. HEPUȚ, C. P. Chioncel, “The influence of cooling parameters on the speed of continuous steel casting”, ICAS2017, Romania, *International Conference on Applied Sciences*, In curs de publicare si indexare ISI.
- 5. G. O. TIRIAN, C. A. GHEORGHIU, T. HEPUȚ, C. P. Chioncel, “Cooling water flow control realized with systems based on fuzzy mechanism”, ICAS2017, Romania, *International Conference on Applied Sciences*, In curs de publicare si indexare ISI.

**3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)**

- ✓ 1. C. A. Gheorghiu, “Study on the influence of continuous casting parameters on the quality of semi-finished products”, ACTA TEHNICA CORVINIENSIS – Bulletin of Engineering, Tome VIII [2015] Fascicule 1, pp 101-104, Hunedoara, Romania, January 2015, ISSN: 2067 – 3809, (indexed EBSCO/Google Scholars).
- ✓ 2. C. A. Gheorghiu, “Refining steel in an induction ladle furnace”, Annals of the Faculty of Engineering Hunedoara 13.3 (Aug 2015): 197-200, (indexed EBSCO/Google Scholars).
- ✓ 3. C. A. Gheorghiu and T. Hepuț “Research concerning the influence of the cooling parameters on the speed of the casting in continuous casting of steel, Annals of the Faculty of Engineering Hunedoara, pp 123-128, 2016 (indexed EBSCO/Google Scholars).
- ✓ 4. G. O. TIRIAN, C. A. GHEORGHIU, “Cooling water flow control with PLC” Annals of the Faculty of Engineering Hunedoara, International Journal of Engineering, Tome XV August 2017 – Fascicule 3, pp 155-158 ISSN: 1584-2665, (indexed EBSCO/Google Scholars).

**4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI (cu specificarea BDI)**

- ✓ 1. D. I. Trif, C. A. Gheorghiu, V. Alexa and S. Rațiu “Virtual application used to simulate the functionality of engine control unit”, MECHEDU 2015, pp 66-69, Subotica, Serbia, May 2015, ISBN 978-86-918815-0-4, (Google Scholars).
- ✓ 2. G. O. TIRIAN, C. A. GHEORGHIU, T. HEPUȚ, R. ROB, „Fuzzy control strategy for secondary cooling of continuous steel casting”, Innovative Ideas in Science 2016 IOP Publishing, IOP Conf. Series: Materials Science and Engineering 200 (2017) 012046 doi:10.1088/1757-899X/200/1/012046, (Scopus).
- ✓ 3. G. O. TIRIAN, C. A. GHEORGHIU, T. HEPUȚ, C. P. Chioncel, „Control system of water flow and casting speed in continuous steel casting”, Innovative Ideas in Science 2016 IOP Publishing, IOP Conf. Series: Materials Science and Engineering 200 (2017) 012047 doi:10.1088/1757-899X/200/1/012047, (Scopus).

**5. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate**

- ✓ 1. V. Alexa, I. Kiss and C. A. Gheorghiu “The educational practices and e-learning courses in performing the laboratory works specifics to the hydraulics and pneumatics applications”, *Analecta Technica Szegedinensia* Issue 3, pp 10-16, Szeged, Hungary, 2013, ISSN 1788-6392.

**6. Lucrări științifice publicate în volumele unor manifestări științifice**

- ✓ 1. C. A. Gheorghiu and T. Hepuț “Studiu privind parametrii de influență a turnării continue asupra calității semifabricatelor”, pp 1-6, HD-44-STUD, Hunedoara, Romania, May 2014, *Annals of the Faculty of Engineering Hunedoara*, (annals.fih.upt.ro).
- ✓ 2. C. A. GHEORGHIU, T. HEPUȚ, “Controlul debitului apei de racire realizat cu ajutorul unui automat programabil PLC”, HD-47-STUD Hunedoara, Romania, 2017, (fih.upt.ro).

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