

LISTA LUCRĂRILOR ȘTIINȚIFICE

pe întreaga activitate

Șef lucrări Dr. Ing. Geza-Mihai Erdodi

A. Teza de doctorat

Lucrare cu titlul: **Cercetări în dinamica agregatelor aeroelectice**,

Conducător Științific: Prof. Dr. ing. Liviu Bereteu – susținută în 05.05.2017 la Universitatea Politehnica din Timișoara, în domeniul Inginerie Mecanică.

B. Cărți si capitole în cărți

[2017] Geza-Mihai Erdodi, **Cercetări în dinamica agregatelor aeroelectice**, Ed. Politehnica, Seria 9: Inginerie Mecanică, nr. 178, ISSN: 1842-4937. ISBN 978-606-35-0178-4, nr. pag. 277, 2017

[2019] Erdodi Geza-Mihai, Muncut Elena-Stela, Babescu Marius, **Autovehicule electrice si hibride**, Editura Politehnica Timisoara, 2019, nr. pagini 241, ISBN 978-606-35-0330-6

[2025] Wisznovszky Elena Stela, Erdodi Geza Mihai, **Îndrumător de laborator pentru mecanica an 1 Inginerie**, Arad, Ed. Gutenberg Univers, 2025, ISBN 978-606-675-428-6, nr. pagini 114

C. Lucrări indexate ISI/BDI

C.1 Reviste ISI

Isi [2017] Mihon, Nicolae Liviu; Erdodi, Geza-Mihai; Lontis, Nicolae Stelian, **Diagnosis of the unit injection pump's elements**, Ingineria Automobilului Issue:42, Published: MAR 2017, pages: 23-26., <http://siar.ro/wp-content/uploads/2017/03/ria42-nr-42-2017-martie.pdf>, <https://www.webofscience.com/wos/woscc/full-record/WOS:000409240200010>

Isi [2020] Mihaela-Codruta Ancuti, Mihaela-Codruta Ancuti, Sorin Musuroi ,Ciprian Sorandaru, Marian Dordescu and Geza Mihai Erdodi, **Wind Turbines Optimal Operation at Time Variable Wind Speeds**, APPLIED SCIENCES-BASEL, Volume: 10, Issue: 12, Article Number: 4232, Published: JUN 2020, IF 2.474, ISSN:eISSN:2076-3417, <https://www.mdpi.com/2076-3417/10/12/4232> , <https://doi.org/10.3390/app10124232> , <https://www.webofscience.com/wos/woscc/full-record/WOS:000554583800001>

Isi [2024] Culda, Lavinia-Ioana, Wisznovszky, Elena-Stela, Erdodi, Geza-Mihai, SMART LABELLING, MORE CONTROL OVER AUTOMATED CAR PRODUCTION, INGINERIA AUTOMOBILULUI, Issue 72, SEP 2024, 2024-11-02, Article, <https://www.webofscience.com/wos/alldb/full-record/WOS:001340317100005>

Isi [2024] Elena Stela WISZNOVSZKY, Attila GEROCS, Lavinia Ioana CULDA, Andrei KOMJATY, Geza-Mihai ERDODI, Titu, AM , CHAIN TRANSMISSION MECHANISM USED TO REDUCE THE REACTION MOMENT FOR MACHINERY THAT PERFORMS ROTATIONAL MOVEMENT AROUND ITS OWN, Acta Technica Napocensis. Series: Applied Mathematics, Mechanics and Engineering, Vol 67, No. 4 Page, 2024, ISBN 1221-5872. <https://www.webofscience.com/wos/woscc/full-record/WOS:001398967500010>

Isi [2025] Muncut (Wisznovszky), Elena; Gerocs, Attila ; Erdodi, Geza; Culda, Lavinia ; Komjaty, Andrei, USING A VOLUME OF MERCURY [Hg] IN AN INERTIAL SYSTEM FOR TRANSFORMING ROTATIONAL MOTION INTO UNIDIRECTIONAL LINEAR MOTION, INGINERIA AUTOMOBILULUI, 2025-04-11, <https://www.webofscience.com/wos/woscc/full-record/WOS:001460116200005>

[2025] Elena Stela WISZNOVSZKY, Aurel Ion PERIANU, Valentin MULLER, Geza-Mihai ERDODI, **Destructive Examination of Solder Joints on an SMT Manufacturing Line**, ACTA TECHNICA NAPOCENSIS, Vol. 68, Issue II Special, Series: APPLIED MATHEMATICS, MECHANICS, AND ENGINEERING, July, 2025, Both ISSN 1221 – 5872-L, pag.99-104, <https://atna-mam.utcluj.ro/index.php/Acta/article/view/2906>

[2025] Geza-Mihai ERDODI, Elena Stela WISZNOVSZKY, Valentin MULLER, Aurel Ion PERIANU, **Study on Thermal Control of Technological Flow in Surface-Mount Technology Soldering of Electronic Components**, ACTA TECHNICA NAPOCENSIS, Vol. 68, Issue II Special, Series: APPLIED MATHEMATICS, MECHANICS, AND ENGINEERING, July, 2025, Both ISSN 1221 – 5872-L, pag.105-110.,
<https://atna-mam.utcluj.ro/index.php/Acta/article/view/2907>

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

Isi [2018] Ioan Zaharie, Geza-Mihai Erdodi and Marius Dudu, **The functioning of a Wind System at its maximum power – SACI 2018**, 12th IEEE International Symposium on Applied Computational Intelligence and Informatics, Timișoara, Romania, 978-1-5386-4640-3/18/©2018 IEEE, May 17 – 19, 2018, <https://ieeexplore.ieee.org/document/8440955> , DOI: 10.1109/SACI.2018.8440955, <https://www.webofscience.com/wos/woscc/full-record/WOS:000448144200101>

Isi [2019] Lavinia-Ioana Culda, Elena-Stela Muncut and Geza-Mihai Erdodi, **The analysis of the robotized handling of oxygen gas tanks with the help of the petri networks**, 9th INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION -MSE 2019- June 5-7, Sibiu, Romania, vol. II, 2019, Ed. a IX – a, ISSN 2559-2963, ISSN-L 2559-2963, <https://www.webofscience.com/wos/alldb/full-record/WOS:000569367700096>

isi [2019] Elena-Stela Muncut Lavinia-Ioana Culda, Geza-Mihai Erdodi and Gheorghe Sima, **The welding program optimization of a S355 steel assembly used in agricultural machinery**, 9th INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION -MSE 2019- June 5-7, Sibiu, Romania, vol. II, 2019, Ed. a IX – a, ISSN 2559-2963, ISSN-L 2559-2963, DOI10.1051/mateconf/201929008014, <https://www.webofscience.com/wos/alldb/full-record/WOS:000569367700104>

ISI [2016] Chioncel, CP; Gillich, N ; Petrescu, DI ; Erdodi, GM, **Optimal Operation of an Wind Power System with Energy Storage in Electric Accumulators**, PROCEEDINGS OF THE 2016 INTERNATIONAL CONFERENCE AND EXPOSITION ON ELECTRICAL AND POWER ENGINEERING (EPE 2016), Page858-861,

<https://www.webofscience.com/wos/alldb/full-record/WOS:000390706300168>

ISI [2015] Sorandaru, C ; Musuroi, S; Ancuti, MC; Erdodi, GM; Petrescu, DI, **The Control of the Wind Power Systems by Imposing the DC Current**, 2015 IEEE 10TH JUBILEE INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI)

Page259-264, Published 2015, Indexed 2016-09-11,

<https://www.webofscience.com/wos/alldb/full-record/WOS:000380397800048>

ISI [2015] Ciprian Sorandaru; Sorin Musuroi; Mihaela-Codruta Ancuti; Gheza-Mihai Erdodi; Doru-Ionut Petrescu, **Equivalent power for a wind power system**, 2016 IEEE 11th International Symposium on Applied Computational Intelligence and Informatics (SACI), Date of Conference: 12-14 May 2016, DOI: [10.1109/SACI.2016.7507374](https://doi.org/10.1109/SACI.2016.7507374), Pages: 225 – 228, <https://www.webofscience.com/wos/alldb/full-record/WOS:000387119900040>

ISI [2015] Ciprian Sorandaru, Sorin Musuroi, Mihaela-Codruta Ancuti, Gheza-Mihai Erdodi, Doru-Ionut Petrescu, **The Control of the Wind Power Systems by Imposing the DC Current**, 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, May 21-23, 2015, Timisoara, Romania, pp. 259-264, ISBN: 978-1-4799-9910-1, <https://ieeexplore.ieee.org/document/7208209>, DOI:10.1109/SACI.2015.7208209.

<https://www.webofscience.com/wos/alldb/full-record/WOS:000380397800048>

ISI [2015] Musuroi, S ; Sorandaru, C ; Erdodi, GM ; Petrescu, DI, Wind System with Storage in Electrical Accumulators, 2015 9TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Page797-802, Proceedings Paper, <https://www.webofscience.com/wos/alldb/full-record/WOS:000368159800147>

ISI [2015] Chioncel, CP; Erdodi, GM; Petrescu, DI; Elisabeta, Spunei; Gillich, N, Control of Wind Power Systems Imposing the Current in the Intermediate Circuit of the Converter at Variable Wind Speed, 2015 9TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Page923-928, <https://www.webofscience.com/wos/alldb/full-record/WOS:000368159800171>

ISI [2016] Balog, F ; Ciocarlie, H ; Babescu, M; Erdodi, GM, **Equivalent Speed and Equivalent Power of the Wind Systems that Works at Variable Wind Speed**, SOFT COMPUTING APPLICATIONS, (SOFA 2014), VOL 2, Volume357,Page1325-1336, Part2, DOI10.1007/978-3-319-18416-6_106, Published 2016, <https://www.webofscience.com/wos/alldb/full-record/WOS:000452854600050>

ISI [2016] Ciocarlie, H ; Balog, F ; Erdodi, GM; Petrescu, DI, Behavior of the Wind Systems Optimally Controlled at Variable Wind Speeds, SOFT COMPUTING APPLICATIONS, (SOFA 2014), VOL 2, Volume357, Page1337-1351, Part2, DOI10.1007/978-3-319-18416-6_107, Book Series Advances in Intelligent Systems and Computing, Published 2016, <https://www.webofscience.com/wos/alldb/full-record/WOS:000452854600051>

ISI [2014] Erdodi, GM ; Petrescu, DI; Sorandaru, C; Musuroi, S, The determination of the maximum energetic zones for a wind system, operating at variable wind speeds, 2014 18TH INTERNATIONAL CONFERENCE SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Page256-261, Indexed 2014-01-01, <https://www.webofscience.com/wos/alldb/full-record/WOS:000704338900045>

ISI [2014] Ciocarlie, H; Balog, F ; Erdodi, GM; Petrescu, DI, Peak Energy Determination by a Sample at Idle Mode Operation, 2014 IEEE 9TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI), Page295-298, Published 2014, <https://www.webofscience.com/wos/alldb/full-record/WOS:000343400600051>

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

[2014]. Horia Ciocarlie, Florica Balog, Gheza-Mihai Erdodi, Marius Babescu, „**Basic specification regarding the wind power systems control**”, INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY/ ISSN 2277-3601, Vol 12, No. 9, Page(s): 3927- 3944, 2014., ISSN 2277-3601, DOI: <https://doi.org/10.24297/ijct.v12i9.2834> , <https://rajpub.com/index.php/ijct/article/view/2834>

[2014] Florica Balog, Horia Ciocarlie, Marius Babescu, Gheza-Mihai Erdodi, “**The Dynamics of Wind System at the Optimum Load**”, Buletinul Institutului Politehnic din Iasi, Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iasi, Tomul LX (LXIV), Fasc. 2, 2014, Sectia Automatică și Calculatoare, 2014., https://ac.tuiasi.ro/wp-content/uploads/2019/09/Abstract_fasc2_2014_link.pdf

[2019] Andrei Komjaty, Elena Stela Muncut, Geza Mihai Erdodi, FLEXIBLE ROBOTIC LINE FOR THE PROCESSING OF CAR RIMS AND PRODUCT IMPROVEMENT USING FINITE ELEMENT SIMULATION, Vol 23 No 4 (2019): Nonconventional Technologies Review, Dec 2019, Print: ISSN 2359-8646, On-line: ISSN 2359-8654. <https://revtn.ro/index.php/revtn/article/view/239>

[2025] Attila Geroacs, Andras Komjaty, Wisznovszky (Muncut) Elena, Erdodi Geza Mihai, Culda (Săbăilă) Lavinia Ioana, Analytical investigation of inertial drive and its application possibilities in vehicle propulsion, Jelenkori társadalmi és gazdasági folyamatok, Vol. 20, No. 4 (2025) Technical and energy innovations, https://ojs.bibl.u-szeged.hu/index.php/jelenkori_tars-gazd_folyamatok/article/view/46420

[2025] Elena Stela Muncut, Mihail Aurel Titu, Lavinia Ioana Culda, Geza Mihai Erdodi, TECHNOLOGICAL FLOW IN ULTRASONIC WELDING OF COPPER CONDUCTORS USED IN THE AUTOMOTIVE FIELD, Vol 29 No 2 (2025): Nonconventional Technologies Review, Print: ISSN 2359-8646, On-line: ISSN 2359-8654, pag.21-26, <https://www.revtn.ro/index.php/revtn/article/view/521/463>

[2025] Elena Stela Muncut, Mihail Aurel Titu, Lavinia Ioana Culda, Geza Mihai Erdodi, CLASSIC AND MODERN TECHNOLOGIES FOR THE DESIGN AND PROCESSING OF A PART WITH MEDIUM DIAMETERS BASED ON MEASUREMENTS IN 3D COORDINATES, Vol 29 No 2 (2025): Nonconventional Technologies Review, Print: ISSN 2359-8646, On-line: ISSN 2359-8654, pag.4-9, <https://www.revtn.ro/index.php/revtn/article/view/518/460>

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

[2014] Gheza-Mihai Erdodi; Doru-Ionut Petrescu; Ciprian Sorandaru; Sorin Musuroi, **The determination of the maximum energetic zones for a wind system, operating at variable wind speeds**, 18th International Conference on System Theory, Control and Computing (ICSTCC), Sinaia 2014, Pages: 256 - 261, DOI: 10.1109/ICSTCC.2014.6982425, indexat IEEE Explore, DOI:10.1109/ICSTCC.2014.6982425, <https://ieeexplore.ieee.org/document/6982425>

[2014] Horia Ciocarlie; Florica Balog; Gheza-Mihai Erdodi; Doru-Ionut Petrescu, **Peak energy determination by a sample at idle mode operation**, 2014 IEEE 9th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI), Pages: 295 - 298, DOI: 10.1109/SACI.2014.6840080, indexat IEEE Explore, <https://ieeexplore.ieee.org/abstract/document/6840080/similar#similar>, DOI:10.1109/SACI.2014.6840080

[2015] Sorin Musuroi, Ciprian Sorandaru, Gheza-Mihai Erdodi, Doru-Ionut Petrescu, **Wind System with Storage in Electrical Accumulators**, The 9th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING, Bucharest, May 7-9, 2015, ISBN: 978-1-4799-7514-3/15, ISBN: 978-1-4673-8093-5, pag. 797-802, <https://ieeexplore.ieee.org/document/7133911>, DOI: 10.1109/ATEE.2015.7133911, WOS:000368159800147

[2015] Cristian-Paul Chioncel; Gheza-Mihai Erdodi; Doru-Ionut Petrescu; Elisabeta Spunei; Nicoleta Gillich, **Control of wind power systems imposing the current in the intermediate**

circuit of the converter at variable wind speed, The 9th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING, Bucharest, May 7-9, 2015, ISBN: 978-1-4799-7514-3/15, ISBN: 978-1-4673-8093-5, pag. 923-928, <https://ieeexplore.ieee.org/document/7133934>, DOI: 10.1109/ATEE.2015.7133934, WOS:000368159800171

[2016] Florica Balog, Horia Ciocarlie, Marius Babescu, Gheza-Mihai Erdodi, **“Equivalent speed and equivalent power of the wind systems working at variable wind speed”**, Scopus, Advances in Intelligent Systems and Computing, Volume 357, Pages 1325-1336, 2016, https://link.springer.com/chapter/10.1007/978-3-319-18416-6_106

[2016] Horia Ciocarlie, Florica Balog, Gheza-Mihai Erdodi, Doru-Ionut Petrescu, **“Behavior of the wind systems optimally controlled at variable wind speeds”**, Scopus, Advances in Intelligent Systems and Computing, Volume 357, Pages 1337-1351, 2016, <https://www.springerprofessional.de/en/behavior-of-the-wind-systems-optimally-controlled-at-variable-wi/6844472?searchResult=7.%20Horia%20Ciocarlie&searchBackButton=true>

[2019] E S Muncut, L I Culda G M Erdodi and G Sima, **8D complaint solving method in an automotive component processing company**, International Conference ANNUAL SESSION OF SCIENTIFIC PAPERS “IMT Oradea 2019”, The Proceedings of Conference IMT Oradea 2019, ISSN 2501-5769(CD edition), pp 102-106. DOI: 10.15660/AUOFMTE.2019-1.3412 https://imt.uoradea.ro/auo.fmte/files-2019-v1/20-S%20Muncut_8D%20complaint%20solving%20method%20in%20an%20automotive%20component%20processing%20company.pdf

[2020] C P Chioncel, G Erdodi and O G Tirian, **Energy efficiency of wind power plants in various wind condition**, Journal of Physics: Conference Series, Volume 1781, International Conference on Applied Sciences (ICAS 2020) 20-22 May 2020, Hunedoara, Romania, DOI 10.1088/1742-6596/1781/1/012035, <https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012035/pdf>

[2020] Paul Chioncel Cristian; Geza-Mihai Erdodi); Dordescu, Marian, **Energy Losses at Wind Turbines Operating in Variable Wind Speed Conditions**, INTERNATIONAL SYMPOSIUM ON FUNDAMENTALS OF ELECTRICAL ENGINEERING (ISFEE), Published 2020, Indexed 2020-01-01, Document Type Proceedings Paper,

<https://ieeexplore.ieee.org/document/9756167> , DOI:[10.1109/ISFEE51261.2020.9756167](https://doi.org/10.1109/ISFEE51261.2020.9756167)
<https://www.mdpi.com/2076-3417/10/12/4232>

[2020] E. S. MUNCUT, G. M. ERDODI, L. I. CULDA, A. KOMJATY, C. SIRGHIE, **Determination of speed and acceleration for a plane mechanism with the instantaneous rotation center method and Euler's graf-analytical method using AUTOCAD mechanical**, eLearning sustainment for never-ending learning Proceedings of the 16th International Scientific Conference "eLearning and Software for Education" Bucharest, April 30 - May 1, 2020 Volume 2, , Pages: 420-434, DOI: 10.12753/2066-026X-21-140

<https://proceedings.elseconference.eu/index.php?paper=bcac72291e1e35ceb132b934e47da8ca>

[2021] LI Culda, ES Muncut (Wisznovszky) and GM Erdodi, **Transforming 3D printed CNC prototype into a plotter**, IOP Conference Series: Materials Science and Engineering, Volume 1169, The Annual Session Of Scientific Papers (IMT Oradea 2021) 27th-28th May 2021, Oradea, Romania, DOI 10.1088/1757-899X/1169/1/012013, <https://iopscience.iop.org/article/10.1088/1757-899X/1169/1/012013/meta>

[2022] Ciprian Sorandaru; Mihaela-Codruta Ancuti; Sorin Musuroi; Marcus Svoboda; Valentin Muller; Mihai Geza Erdodi; Emil Ronald Edu, **Fundamental Issue for Wind Power Systems Operating at Variable Wind Speeds: the Dependence of the Optimal Angular Speed on the Wind Speed**, International Conference and Exposition on Electrical And Power Engineering (EPE), **Paginile**167-171, 2022, <https://ieeexplore.ieee.org/document/9959751>, DOI:[10.1109/EPE56121.2022.9959751](https://doi.org/10.1109/EPE56121.2022.9959751)

[2022] A Geröcs, E Muncut (Wisznovszky), D Glăvan¹, A Komjaty, V Muller, GM Erdodi and L Culda, **Mathematical and graphical modelling of an inertial system that uses the force of inertia of a liquid**, IOP Conference Series: Materials Science and Engineering, Volume 1256, Annual Session of Scientific Papers (IMT Oradea 2022) 07/07/2022 - 08/07/2022 Baile Felix SPA, Oradea, Romania, **Volumul 1 Numărul 1256, Anul publicării 2022**, DOI: 10.15660/AUOFMTE.2022-1.3633

https://imt.uoradea.ro/auo.fmte/files-2022-v1/2_ID%2039_Muncut_Mathematical%20and%20graphical%20modelling%20of%20an%20inertial%20system%20that%20uses%20the%20force%20of%20inertia%20of%20a%20liquid.pdf

[2022] Ciprian Sorandaru; Mihaela-Codruta Ancuti; Sorin Musuroi; Marcus Svoboda; Valentin Muller; Mihai Geza Erdodi; Emil Ronal Edu, **Fundamental Issue for Wind Power Systems Operating at Variable Wind Speeds: the Dependence of the Optimal Angular Speed on the Wind Speed**, Published in: 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), Electronic ISBN:978-1-6654-8994-2, USB ISBN:978-1-6654-8993-5, Print on Demand(PoD) ISBN:978-1-6654-8995-9, DOI: 10.1109/EPE56121.2022.9959751, <https://ieeexplore.ieee.org/document/9959751>

[2023] Florinel Butaru; Mihaela Codruta Ancuti; Geza Mihai Erdodi; Ciprian Sorandaru; Sorin Musuroi; Razvan Ancuti, **Wind System Control at Time-Varying Wind Speeds Using the Perturb and Observe Method**, Date Added to IEEE Xplore: 27 June 2023, DOI: 10.1109/SACI58269.2023.10158538, <https://ieeexplore.ieee.org/abstract/document/10158538>

[2025] WISZNOVSZKY Elena Stela, Culda Lavinia Ioana, PERIANU Ion-Aurel, ERDODI G, **Dissimilar Welding Process Flow Between a Low Alloy Steel Material S355J2+N And 42CrMo4 Used in the Aerospace Field**, International Conference Innovative technologies for joining advanced materials - TIMA25 November 06-07, 2025
https://www.isim.ro/images/TIMA/TIMA25/251104%20-%20AGENDA%20TIMA_FINAL.pdf

[2025] Culda Lavinia Ioana, Wisznovszky Elena Stela and Erdodi Geza, PRINTING WITH THE METAL X PRINTER IN THE UNIVERSITY ENVIRONMENT, INTERNATIONAL CONFERENCE ICNcT, 2025, 24th Edition OF NONCONVENTIONAL TECHNOLOGIES 22th–24th October 2025, Timișoara, ISSN 2359-8654
http://artn.ro/conference2025/Programe/Program%20ICNcT%202025_21.10.2025_final%208pg_A5.pdf

[2025] Erdodi Geza, Wisznovszky Elena Stela and Culda Lavinia Ioana, DESCRIPTION AND OPTIMIZATION OF AN SMD PRODUCTION LINE: PROCESSES, THERMAL CONTROL AND AUTOMATED INSPECTION, INTERNATIONAL CONFERENCE ICNcT, 2025, 24th Edition OF NONCONVENTIONAL TECHNOLOGIES 22th–24th October 2025, Timișoara, ISSN 2359-8654
http://artn.ro/conference2025/Programe/Program%20ICNcT%202025_21.10.2025_final%208pg_A5.pdf

[2025] Geza Mihai ERDODI*, Lavinia Ioana CULDA, Elena Stela Muncut (Wisznovszky), Using Unitree R1 Humanoid Robot in the Automotive, Industry The 3rd International Conference on Mechanical System Dynamics, Robotic system dynamics, <https://www.bagevent.com/accountcenter/#/8296126/personalCenter>

D. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

[2019] Gheorghe SIMA, Elena Stela MUNCUT, Geza Mihai ERDODI, **Levels of progressive bearings that occur in the manufacturing line**, ISREIE Edition Arad 2019, 23-25 May, UAV Arad, *Analele Univ. "Aurel Vlaicu" Arad*

[2019] Elena Stela MUNCUT, Ioan RADU, Geza Mihai ERDODI **The production of steering wheels**, ISREIE Edition Arad 2019, 23-25 May, UAV Arad, *Analele Univ. "Aurel Vlaicu" Arad*

[2019] Geza Mihai ERDODI, Elena Stela MUNCUT, Lavinia CULDA, Andrei Komjaty **Presentation of a robotic manufacturing line**, ISREIE Edition Arad 2019, 23-25 May, UAV Arad, *Analele Univ. "Aurel Vlaicu" Arad*

[2019] Lavinia CULDA, Andrei KOMJATY, Geza ERDODI, Stela MUNCUT, **Calibration in the company specializes in straightening components before performing heat treatments or machining**, ISREIE Edition Arad 2019, 23-25 May, UAV Arad, *Analele Univ. "Aurel Vlaicu" Arad*

Premii

[2020] Premii ale Academiei Romane, AGIR, ASAS, AOSR, Academii de ramura
Premierea rezultatelor cercetării – articole - Cod depunere - PN-III-P1-1.1- PRECISI-2020-51358 data 2020-11-05, Instituția care a acordat premiul:UEFISCDI Subprogram 1.1 - Resurse Umane - Premierea rezultatelor cercetării - Articole, Competitia 2020 Rezultate evaluare Lista 4- Cereri premiere depuse pentru articole publicate in anul 2020_02.12.2020_

E. Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic



[2024] Membru în echipă proiect Contract de cercetare științifică - Dezvoltare și consultanță
”Proiectarea unui laborator pentru curățarea filtrelor de particule folosite la motoare Diesel”
Executant UAV din Arad nr. 5074/27.06.2024, Beneficiar Service Blue SRL nr.
119/26.06.2024. (5231.38Euro)

[2024] Membru în echipă proiect Contract de cercetare științifică - Dezvoltare și consultață
”Poiectarea unui laborator pentru recondiționarea turbosuflantelor” Executant UAV din Arad
nr. 5073/27.06.2024, Beneficiar Service Blue SRL nr. 118/26.06.2024. (5231.38Euro)

14.01.2026

Erdodi Geza-Mihai

