

**Comunicări științifice prezentate la congrese/conferințe cu participare internațională și publicate în volume indexate Web of Science, Scopus sau European Reference index for the Humanities (ERIH Plus) în baze de date internaționale**

Nr. ctr.	Autori	Titlul comunicării științifice	Revista/Editura-conferința (cod ISSN, ISBN)	Identificator lucrare (vol, pag-pag, an DOI)
1	Liviu Cădariu - Brăiloiu	Generalized Hyers-Ulam stability of some functional equation	18 th International Conference on Functional Equation and Inequalities, Polonia, Bedlewo, June 9 - 15, 2019	Annales Universitatis Paedagogicae Cracoviensis. Studia Mathematica, Vol 18, Issue 1 - Report of Meeting
2	Mircea Georgescu, Viorel Ungureanu, Aurelian Gruin, Andra Floricel	Building Cladding using Liner Trays: Experimental and Numerical Approach	4TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM - WMCAUS / IOP PUBLISHING LTD, DIRAC HOUSE, TEMPLE BACK, BRISTOL BS1 6BE, ENGLAND 4th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium ( WMCAUS) JUN 17-21, 2019 Prague, CZECH REPUBLIC ISSN: 1757-8981	WOS: 000562099100051 Volume: 603 Article Number: 022051 Published: 2019 DOI: 10.1088/1757-899X/603/2/022051
3	Alexandru Falk, Liviu Marsavina, Octavian Pop	Experimental determination of strain distribution on Printed Circuit Boards using Digital image correlation	25TH INTERNATIONAL CONFERENCE ON FRACTURE AND STRUCTURAL INTEGRITY / ELSEVIER SCIENCE BV, SARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS 25th International Conference on Fracture and Structural Integrity JUN 12-14, 2019 Catania, ITALY ISSN: 2452-3216	WOS:000504238000023 Volume: 18 Pages: 214-222 Published: 2019 DOI: 10.1016/j.prostr.2019.08.156
4	V. Ungureanu, M. Georgescu, L. Gligor	Rehabilitation of Trumpeters' Tower of the Saint Margaret Evangelical Church of Medias	Structures and Architecture - Cruz (ed). © 2019 Taylor & Francis Group, London International Conference on Structures and Architecture - ICSA 2019", Portugalia, Lisabona, ISBN 978-1-138-03599-7	Pages: 391-398, In curs de indexare
5	Halbac-Cotoara-Zamfir R., Hadjichambis A., Paraskeva-Hadjichambi D	Education for Environmental Citizenship— Potential Key Tool for Enhancing the Implementation of NbSs	Proceedings /MDPI TERRAenVISION 2019, 2-7 September 2019 Barcelona, Spain ISSN: 2504-3900	Volume: 30, Issue 1 37, Published: 2019 <a href="https://doi.org/10.3390/proceedings2019030037">https://doi.org/10.3390/proceedings2019030037</a> <a href="https://doi.org/10.3390/proceedings2019030037">https://doi.org/10.3390/proceedings2019030037</a>
6	Halbac-Cotoara-Zamfir R., Hadjichambis A	Negotiating Land for Flood Using an Environmental Citizenship Approach	Proceedings /MDPI TERRAenVISION 2019, 2-7 September 2019 Barcelona, Spain ISSN: 2504-3900	Volume: 30, Issue 1 40, Published: 2019 <a href="https://doi.org/10.3390/proceedings2019030040">https://doi.org/10.3390/proceedings2019030040</a> <a href="https://doi.org/10.3390/proceedings2019030040">https://doi.org/10.3390/proceedings2019030040</a>
7	Cădariu-Brăiloiu Liviu Ioan	Fixed points and generalized Ulam-Hyers stability of	16 <sup>th</sup> International Conference on Applied Mathematics and	Lucrarea nu a fost publicata, ci doar comunicată

		a functional equation	Computer Science (Romania/ Cluj-Napoca), 3-6 iulie 2019	
8	Marsavina Liviu	An overview on fracture toughness of polymeric foams	International Symposium on Advances in Fatigue and Fracture - Celebrating the 40th Anniversary of FFEMS 2019 (Regatul Unit al Marii Britanii si Irlandei de Nord/Sheffield)	Lucrearea nu a fost publicata, ci doar comunicată
9	I.Boldea, L. N. Tutelea, I.Torac, F.Marignetti	10MW, 10rpm, 10Hz directly-driven cage rotor induction generator (CRIG): preliminary design with key FEM validations	2019 INTERNATIONAL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) & 2019 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) / IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) AUG 27-29, 2019, Bahcesehir Univ, Istanbul, TURKEY, ISBN: 978-1-5386-7687-5	WOS:000535884900008 Pages: 65-70 Published: 2019
10	I.Boldea, L.Tutelea, A.Popa	Large variable speed generators design and their control: a revisit in 2019	2019 INTERNATIONAL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) & 2019 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) / IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) AUG 27-29, 2019 Bahcesehir Univ, Istanbul, TURKEY, ISBN: 978-1-5386-7687-5	WOS:000535884900002 Pages: 29-40 Published: 2019
11	Ungureanu V., Both I., Neagu C., Burca M., Dubina D., Cristian A.A.	Built-up cold-formed steel beams with web openings	STABILITY AND DUCTILITY OF STEEL STRUCTURES 2019 / ROUTLEDGE, 2 PARK SQ, MILTON PARK, ABINGDON OX14 4RN, OXFORD, ENGLAND International Colloquia on Stability and Ductility of Steel Structures (SDSS) SEP 11-13, 2019 Czech Tech Univ Prague, Prague, CZECH REPUBLIC ISBN:978-0-429-32024-8; 978-0-367-33503-8	WOS:000542030200137 Pages: 1185-1192 Published: 2019

12	Ungureanu. V., Lukacevic I., Both I.,Burca M., Dubina D.	Numerical investigation of built-up cold- formed steel beams with corrugated web	STABILITY AND DUCTILITY OF STEEL STRUCTURES 2019 / ROUTLEDGE, 2 PARK SQ, MILTON PARK, ABINGDON OX14 4RN, OXFORD, ENGLAND International Colloquia on Stability and Ductility of Steel Structures (SDSS) SEP 11-13, 2019 Czech Tech Univ Prague, Prague, CZECH REPUBLIC ISBN:978-0-429-32024-8; 978-0- 367-33503-8	WOS:000542030200138 Pages: 1193-1200 Published: 2019
13	Lemle Dan Ludovic, Pater Flavius	On Some Representation Theorems for the Yosida Approximation in Locally Convex Spaces	AIP Publishing - „17th International Conference of Numerical Analysis and Applied Mathematics - ICNAAM 2019’’ (Grecia, Rhodos)	În curs de indexare
14	M. Kotetko, V. Ungureanu, D. Dubina	Failure plastic mechanisms in TWCFS columns under eccentric compression	STABILITY AND DUCTILITY OF STEEL STRUCTURES 2019 / ROUTLEDGE, 2 PARK SQ, MILTON PARK, ABINGDON OX14 4RN, OXFORD, ENGLAND International Colloquia on Stability and Ductility of Steel Structures (SDSS) SEP 11-13, 2019 Czech Tech Univ Prague, Prague, CZECH REPUBLIC ISBN:978-0-429-32024-8; 978-0- 367-33503-8	WOS:000542030200074 Pages: 629-637 Published: 2019
15	Martin Adrian Daniel, Lucian Nicolae Tutelea, Radu Babau, Ion Bolde	A novel approach to PLCs based system utilized in electric drives	2019 INTERNATIONAL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) & 2019 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) / IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) AUG 27-29, 2019 Bahcesehir Univ, Istanbul, TURKEY ISBN: 978-1-5386-7687-5	WOS:000535884900010 Pages: 77-84 Published: 2019
16	V. Sajfert, N. Pop, D. Popov	Geometrical analyses of nanostructures	NANOSYSTEMS-PHYSICS CHEMISTRY MATHEMATICS ISSN: 2220-8054 eISSN: 2305-7971	WOS:000520849600005, ESCI
17	N. Pop et all.	Reactive collisions between electrons and	Atomic Data and Nuclear Data Tables, ISSN: 0092-640X eISSN: 1090-2090	În curs de publicare în revistă cu IF= 2.407 din Q2

		BeT+: Complete set of thermal rate coefficients up to 5000 K		
18	Hedes Alexandru, Vitan Liviu-Danut, Tudoran Constantin-Adrian, Muntean Ovidiu	Experimental Research on Electrocoagulation for Wastewater Treatment	2019 20TH INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS (EE) / IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA 20th International Symposium on Power Electronics (Ee) OCT 23-26, 2019 Novi Sad, SERBIA ISBN: 978-1-7281-5067-3	WOS:000535354200053 Published: 2019
19	Gheorghe Madescu, Marius Biriescu, Martian Mot, Lucian-Nicolae Tutelea	Investigation of Rotor Current Spectrum Signature in the Healthy and Faulty Cage of a Dedicated Induction Motor in Load Conditions	International Conference on Electric Machines - ICEM 2020"( Online) 23-26 August 2020, in Gothenburg, Suedia (Conferință virtuală). A fost organizata de Chalmers University of Technology. General Co-Chair: Yujing Liu, Gérard-André Capolino.	Site: <a href="https://icem2020.se/">https://icem2020.se/</a>
20	Ion Boldea, Lucian Nicolae Tutelea, Ileana Torac	10MW, 10rpm, 15Hz directly-driven reluctance synchronous generator system: preliminary design with key FEM validations	International Conference on Electric Machines - ICEM 2020"( Online)	online conference (acceptata pentru publicare).
21	Adrian Daniel Martin, Lucian Tutelea, Ion Boldea	Twin Induction Machine Artificial Loading Without Mechanical Coupling	" International Conference on Electric Machines - ICEM 2020"( Online)	online conference (acceptata pentru publicare).
22	Cristian A.A., Ungureanu V.	Numerical Investigation of Built-up Cold-Formed Steel Beams with Web Opening	The conference's volume will be ISI Proceedings indexed. (On line) The National Technical-Scientific Conference (with international participation) - the 19th edition - „Modern Technologies for the 3rd Millennium”, 23 October 2020, Oradea, Romania	online conference (acceptata pentru publicare).
23	Buzatu R.I., Ungureanu V	Environmental and economic benefits of building with reclaimed elements	The conference's volume will be ISI Proceedings indexed. (On line) The National Technical-Scientific Conference (with international participation) - the 19th edition - „Modern Technologies for the 3rd Millennium”, 23 October 2020, Oradea, Romania,	online conference (acceptata pentru publicare).
24	Dan Dubina, Viorel Ungureanu, Maria Kotelko	Post-elastic capacity of thin-walled cold-formed steel members,	Cold-Formed Steel Research Consortium Colloquium, 20-21 October 2020, Johns Hopkins University, online conference.	PAPER ID#:64

25	D. Hulea, M. Gireada, D. Vitan, O. Cornea, N. Muntean	An Improved Bidirectional Hybrid Switched Inductor Converter	IEEE: CFP20850-ART 2020 22nd European Conference on Power Electronics and Applications (EPE'20 ECCE Europe) (On line) Data: Sep. 2020 ISBN: 978-9-0758-1536-8	Pagini: P.1-P.8 Data: Sep. 2020 doi:10.23919/EPE20ECCEurope43536.2020.9215914
26	Dănuț L. Vitan, Dan C. Hulea, Octavian Cornea, Nicolae Muntean, Adrian-Mihai Iuoraș, Nikolay Hinov	Low Cost Implementation of a Wind Turbine Emulator	" 20 <sup>th</sup> International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe - IEEEIC/ I&CPS Europe 2020"	online conference (acceptată pentru publicare)