

Lista de lucrări publicate

1. **Claudiu Domuța**, Nicoleta S. Tipi, Dan Radu, Mihai Hulea, Adina Aștilean, Finding Intermodal and Multi-objective Time-dependent Best Routes with Exact Algorithm, Proceedings of IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), THETA 18th Edition, IEEE Xplore, Cluj-Napoca, România, 2012, ISBN: 978-1-4673-0703-1, <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6237768&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F6231712%2F6237652%2F06237768.pdf%3Farnumber%3D6237768>.
2. Dan Goța, **Claudiu Domuța**, Liviu Miclea, Design and Control of Smart Hybrid Renewable Energy Systems Using Modified Genetic Algorithms and Direct Design Control, Asia-Pacific Power and Energy Engineering Conference(APPEEC), Shanghai, China, 27-29 March, 2012.
3. Mihai Hulea, **Claudiu Domuța**, GPS Road Monitoring System, IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), vol. 3, pp. 245-248, IEEE Xplore, Cluj-Napoca, România, 28- 30 May 2010, ISBN: 978-1-4244-6722-8, <http://dl.acm.org/citation.cfm?id=1908224>.
4. Grațiela Deak, Radu Miron, Adina Aștilean, **Claudiu Domuța**, Fuzzy Based Method for Assessing the Training Level of Nonathletes and Athletes , IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), vol 2., pp. 1-5, IEEE Xplore, ClujNapoca, România, 28-30 May 2010, ISBN: 978-1-4244-6722-8, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5520789&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5520789.
5. **Claudiu Domuța**, Mihai Hulea, Adina Aștilean, GA-based Method for the Container Routes Planning in Intermodal Transportation, The 5 th Edition of the Interdisciplinarity in Engineering International Conference, "Pentru Maior" University of Târgu Mureș Faculty of Engineering, pp. 48-43, România, 2011, ISSN 2285 – 0945, ISSN–L 2285 – 0945, <http://inter-eng.upm.ro/2011/files/technical-program/Brochure.pdf>.
6. A. I. Sadagurschi, **C. Domuța**, Secured SIP-based Communication System for Intermodal Transportation, Proceedings of IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), THETA 18th Edition, student section, Cluj-Napoca, România, 2012.

7. **C. Domuța**, D. Radu, M. Enache, A. Aștilean, Application for Internal modal Transportation Routing Using Bi-objective Time-Dependent Modified Algorithm, Acta Electrotehnica, vol. 53, no. 2, pp.154-159, Technical University of Cluj-Napoca, România, 2012, ISSN: 1841-3323, http://ie.utcluj.ro/Contents_Acta_ET/2012/Number2/Paper11_Domuta.pdf.
8. C. Avram, A. Aștilean, D. Radu, **C. Domuța**, Working Environment Monitoring and Control System Using MANET, Acta Electrotehnica, vol. 53, no. 2, pp.160-166, Technical University of Cluj-Napoca, România, 2012, ISSN: 1841-3323, http://ie.utcluj.ro/Contents_Acta_ET/2012/Number2/Paper11_Domuta.pdf.
9. **Claudiu Domuța**, Dan Radu, Adina Aștilean, Intermodal Timedependent Routes Planning Based on a Multi-objective Genetic Algorithm. Was accepted for publication in Automation Computers Applied Mathematics (ACAM), Scientific Journal, Technical University of Cluj-Napoca, vol. 20, 2011, ISSN: 1221-437X.
10. Grațiela-Flavia Deak, Radu Miron, Camelia Avram, Dan Radu, **Claudiu Domuța**, Adina Aștilean, Artificial Intelligence Based Method for the Assessment of the Training Level of Different Age Groups. Was accepted for publication in Automation Computers Applied Mathematics (ACAM), Scientific Journal, Technical University of Cluj-Napoca, vol. 20, 2011, ISSN: 1221-437X.
11. Mihai Pop, Mirela Dobra, **Claudiu Domuța**, Mihai Hulea, Adina Aștilean Two stage scheduling method of touristic transport in multimodal networks." *Automation, Quality and Testing, Robotics (AQTR), 2016 IEEE International Conference on*. IEEE, 2016, pp.315-321, ISBN 9781467386937.
12. Adrian Cretu, Camelia Avram, Dan Radu, Benoit Parrein, Adina Astilean, **Claudiu Domuta**, Health Information Exchange for Management of Disaster Victims using FANET, 6th International Conference on Advancements of Medicine and Health Care through Technology – MediTech2018, Cluj Napoca .