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Title Theoretical, simulated and experimental researches in the field of reliability analysis, quality of technological processes and the innovative industrial processes
Domain Industrial Engineering

PUBLICATIONS LIST

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International and national projects

- *Scientific cooperation between Transilvania University of Brasov and Reykjavik University*, international contract financed by the EEA Financial Mechanism, Bilateral Fund of RO14 Programme “Research in Priority Sectors”, no. 3BIL/29.08.2016, value 4000 euro (17834 ron), **project director**
- *Quality, protypation and good practices from their application*, Erasmus+ programme KA1 Adult Education Mobility, no. 2015-1-EL01-KA104-013684, project value 15.528 euro, Transilvania University value: 3300 euro (14850 ron), **project responsible**
- *Review normative of maintenance and repair of forest roads (A study on the risk management processes characteristic of design, construction, rehabilitation and maintenance of forest roads*, value 70000 Ron; Stage II - 2014: *Elaboration of Norms for Maintenance and repair of forest roads*, valoare 80000 Ron), scientific research project no. 4580/11.04.2013 Ministry of Environment and Climate Change, **project director**
- *Innovative technologies for development of modulated elements for the manufacture of tooling for plastic deformation (ELMOD)*, PNCDI – P4 project, no. 71-039/14.09.2007, project director - Prof.dr.ing. Radu IOVANAS, grant value - 1900000, period 2007÷2009, member.
- *Fundamental theoretical and experimental research on the process of processing performance through technological superfinisare flexible manufacturing systems.*, CNCSIS scientific research project no. 4GR/28.05.2007, tema 12, CNCSIS Code 1055, grant value - 90000 Ron, director - Prof.dr.ing. Constantin BUZATU, period 2007÷2008, member.
- *Rețea națională de cercetare în domeniul ingineriei integrate a produsului și a procesului*
- *National research network in the field of integrated engineering of the product and process (INPRO) – CEEEX research project*, no. 243 / 08.09.2006, coordinator - “Politehnica” University Timișoara, project director - Prof.dr.ing. George DRĂGHICI, responsible UTBv prof.dr.ing. N.B. Lupulescu, period 2006÷2008, member.
- *Developing human capital by developing managerial skills to implement the Integrated Management System (quality, environment, occupational health and safety) and worker qualification*. PHARE project 2005/017-553.04.02; Beneficiar: SC RECON SA BRASOV, period: 11 month (ian.2008 – nov.2008), value: 43160 Euro, member.
- *Professionalization of the teaching career - new skills for actors of changes in education from Bacau and Covasna counties*, POSDRU/87/1.3/S/62339, director - Prof.dr.ing. Anisor NEDELCU, 01.11.2010 - 31.10.2013, member.

Coordination of continuous training programs and educational projects

- 01.03.2009÷2012 – coordinator of „Quality - Risk Integrated Managementul” course, Department of Distance Education, “Transilvania” University of Brașov;
- 01.04.2006÷2012 – coordinator of “Quality Management” course in the Department of Distance Education, “Transilvania” University of Brașov;
- 01.04.2006÷2012 – coordinator of „Quality Control and Reliability of Technological Products and Processes” course, Department of Distance Education, “Transilvania” University of Brașov;

- 01.10.2014÷prezent – coordinator of „Design, development and implementation of quality management system” course, Department of Distance Education, “Transilvania” University of Brașov, <http://www.unitbv.ro/cfc/Programepostuniversitare1.aspx>
- 01.10.2014÷prezent –
- director al programului de studii post-universitar „Implementation of integrated management systems in accordance with ISO 9001, ISO 14001 & OHSAS 18001”, Departamentul pentru Formare Continuă, Universitatea „Transilvania” din Brașov, <http://www.unitbv.ro/cfc/Programepostuniversitare1.aspx>

UEFISCDI, CNCSIS Awards, Distinctions

- PN-III-P1-1.1-PRECISI-2016-12814, cod 152, *Evaluation of Color Variability of Oak Veneers for Sorting*. Authors: Musat E.C., Salca E.A., Dinulica F., Ciobanu V.D., **Dumitrașcu A.-E.**, BioResources 11(1), p. 573-584, ISSN: 1930-2126, http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P1_Resurse%20Umane/PRECISI_2016/PROCES%20EVALUARE/Rezultate/PRECISI_2016_Rezultate%20eligibilitate_lista%206_2_5_11_2016.pdf
- PN-II-RU-PRECISI-2015-9-9925, code 152, *The Influence of Speed and Press Factor on Oriented Strand Board Performance in Continuous Press*. Authors: Ciobanu D.V., Zeleniuc O., **Dumitrașcu A.-E.**, Lepadatescu B., Iancu B., BioResources 9(4), p. 6805-6816, ISSN: 1930-2126, December 2014. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20eligibilitate_lista%204_%20ACTUALIZATA_18_12_2015.pdf
- PN-II-RU-PRECISI-2013-7-2422, cod 732, *Valorization of Wood Resources for the Cutting of Decorative Veneer in the Context of Sustainable Development of Romanian Forests*. Authors: **Dumitrașcu A.-E.**, Ciobanu D.V., Lepadatescu B., BioResources 8(3), p. 4298-4311, ISSN: 1930-2126, December 2013. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/PENTRU%20LISTA%202%20REZULTATE%20DECEM.pdf
- CNCSIS 2009, code 743, *Studies regarding the reliability of the matrices used for train wheels after being reconditioned through weld cladding*. Authors: Binchiciu H., Iovanas D.M., **Dumitrașcu A.-E.**, Dozescu S.I, Metalurgia International, vol. XIV (2009), special issue no. 2*, pag. 147-150, February 2009. http://cncsis.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202009/REZULTATE_PREMIERE_TRIMESTRUL%20I_2009b.pdf
- Excellence award granted by the Brasov County Council for remarkable results in scientific research, the Commission for Scientific Activities, Education, Culture and Cults, Dec. 2013, http://www.unitbv.ro/Portals/38/newsletter/ICDT_Ianuarie_2014.pdf

Date: 27.03.2017

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