

LISTA LUCRĂRILOR PUBLICATE

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- [3] Eugen Herghelegiu, Oana Ghiorghe, Maria-Crina Radu*, Carol Schnakovszky, Petrica Radu, Nicolae-Catalin Tampu, **Bogdan-Alexandru Chirita***, Ionel Crinel Raveica and Bogdan Nita - **Investigation of the Impact of Intensive EDM Regimes on Manufacturing Efficiency and Surface Quality of C120 Steel Parts**, Processes, vol. 14, iss. 2, pp. 189, ISSN 2227-9717, 2026, DOI 10.3390/pr14020189, WOS:001670423400001 (ISI)
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- [6] Cătălin Tâmpu, Raluca Tâmpu, **Bogdan Chiriță**, Bogdan Niță – **Metode de control nedistructiv**, Ed. Alma Mater, Bacău, 2026, 170 pg., ISBN 978-606-527-749-6

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- [10] Rețea națională de cercetare în domeniul ingineriei integrate a produselor și proceselor, Program CEEEX 243/6 – 2006 – **membru în colectivul de cercetare**
- [11] O nouă tehnologie privind creșterea productivității și calității rulmenților, Program CEEEX 20/2005 – **membru în colectivul de cercetare**
- [12] Metode de simulare, modelare și producție virtuală sau digitală bazate pe tehnologia informației și comunicării (ICT) și dedicate noii generații de sisteme de prelucrare reconfigurabile, Proiect CEEEX, 2005-2007, – **membru în colectivul de cercetare**
- [13] Cercetări experimentale și prin simulare pentru determinarea tensiunilor reziduale în cazul deformării plastice la rece a tablelor metalice, Grant CNCIS 1003/2004, 2004-2005 – **membru în colectivul de cercetare**
- [14] Studiul fenomenului de revenire elastică la ambutisarea plastică la rece a tablelor metalice, Grant CNCIS nr. 278/2002 – **membru în colectivul de cercetare**
- [15] Studiul fenomenului de revenire elastică la îndoirea plastică la rece a tablelor metalice, Grant CNCIS 1169/2 2001 – **membru în colectivul de cercetare**

Contracte cu agenți economici:

- [1] Utilizarea sistemelor CAD și construcția prin fabricare aditivă (FDM), a reperelor din industria tâmplăriei din aluminiu și PVC, Contract nr.2(4879)/2021
- [2] **Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 3/2014 cu SC SPECTROMAS SRL București, 2014 – director de proiect**
- [3] **Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 9/2014 cu SC SPECTROMAS SRL București, 2014 – director de proiect**
- [4] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 1/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [5] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 2/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [6] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 4/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [7] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 5/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [8] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 7/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [9] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 8/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [10] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 10/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [11] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 12/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [12] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 14/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [13] Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești, Contract nr. 15/2014 cu SC SPECTROMAS SRL București, 2014 – **membru în colectivul de cercetare**
- [14] **Analiza tensiunilor reziduale din piesele turnate (reperele 3, 4 și 5) la SC LUFKIN Industries SRL Ploiești, Contract nr. 3/2013 cu SC SPECTROMAS SRL București, 2013 – director de proiect**
- [15] Analiza tensiunilor reziduale din piesele turnate (reperele 1 și 2) la SC LUFKIN Industries SRL Ploiești, Contract nr. 2/2013 cu SC SPECTROMAS SRL București, 2013 – **membru în colectivul de cercetare**
- [16] **Studiul experimental și prin simulare al factorilor de influență ai fenomenului de revenire elastică la ambutisarea tablelor metalice, Contract nr. 10/2004 cu S.C. Mecanica Ceahlău S.A. Piatra Neamț, 2004 – director de proiect**
- [17] Studiul experimental și prin simulare privind factorii de influență ai preciziei de prelucrare la ambutisarea pieselor cu pereți circulari, Contract de cercetare nr. 11/2005 cu S.C. Mecanica Ceahlău S.A. Piatra Neamț, 2005 RON – **membru în colectivul de cercetare**
- [18] Sistem de proiectare optimizată a sculelor de ambutisare, Contract de cercetare nr. 12/2004 cu S.C. Mecanica Ceahlău S.A. Piatra Neamț, 2004-2005 – **membru în colectivul de cercetare**
- [19] Optimizarea constructivă și geometrică a frezelor frontale de finisare și a regimurilor de lucru la frezarea fină a ghidajelor, Contract nr. 528/2005 cu societatea World Machinery Works S.A. Bacău, 2005 – **membru în colectivul de cercetare**