

## LISTA DE LUCRĂRI

### A. LISTA CELOR MAI RELEVANTE LUCRĂRI

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3. Chiver Olivian, *Convertoare electromagnetice. Analiza cu elemente finite*, Editura U.T. Press, ISBN 978-606-737-114-7, 2015;
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### **D.2. ARTICOLE INDEXATE BDI**

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84. M. Horgoș, O. Chiver, *About the relative motion of a particle on tilted vibrating planes*, *Annals of the Oradea University*, Fascicle of Management and Technological engineering, CD-ROM Edition, Volume III (XIII), Oradea, May 27th -28th , ISSN 1583-0691, Abstract pg. 30, 2004.

## F.2. CONTRACTE DE CERCETARE

### Director /Responsabil proiect partener:

1. Sistem expert pentru monitorizarea riscurilor în agricultură și adaptarea tehnologiilor agricole conservative la schimbările climatice (MODSOIL), Contract nr. 175 / 2014, PN-II-PTPCA-2013-4-0015, director proiect partener S.C. Holisun S.R.L., 1250000;
2. Cercetări în vederea proiectării și efectuarea calculului electromagnetice pentru realizarea unui separator de sarcină de medie tensiune (24kV,630A). Simulări și asistență tehnică în vederea stabilirii unei soluții constructive optime. Contract 1540/06.07.2015, 31000 lei. – 1 articol WOS [E1.31], 1 articol BDI [D2.3];
3. Analiză tehnică privind cauzele care conduc la facturarea de energie reactivă la fabrica UAC Dumbrăvița. Stabilirea unei soluții tehnico-economice pentru reducerea cantității de energie reactivă facturată. Contract nr.227/03.02.2014, 16740 lei;
4. Activități de cercetare competitivă a produsului **autocombinată 2+3 mc** (Instalația electrică și programul de automatizare) și a instalației electrice și a programului de automatizare a **autovidanței de 5mc**. Contract nr. 1982/25.07.2011- 40000/4500 lei (partea electrică), 1 articol BDI [D.2.11];
5. Servicii de proiectare și consultanță de specialitate pentru realizarea de instalații electrice și energetice, contract nr. 1339/31.05.2011, 3000 lei;
6. Research results developed with MagNet software, Agreement cu firma Infolytica Europe Ltd., C2, Culham Science Centre Abingdon, Oxon OX14 3DB, UK, 2011, 2200 euro, 2 articole BDI [D2.12, D2.13];
7. Examinarea nedistructivă și soluții pentru reabilitarea podului rulant de 3tf - EM Baia Sprie, beneficiar Regia Autonomă a Plumbului și Zincului Baia Mare, la SC Institutul de Cercetari și Proiectari Miniere SA, Baia Mare, 1995, lucrare de stagiatură;

8. Realizarea instalației de compensare centralizată a factorului de putere în cadrul postului de transformare 6/0.4 kV, de pe platforma S.C. ICPM S.A. Baia Mare, 1997, din poziția de responsabil mecano - energetic, la Institutul de Cercetări și Proiectări Miniere Baia Mare;

**Membru în echipa proiectului:**

9. Tehnologie asistată pentru lucrările de verificări ale instalațiilor electrice, PN-III-P2-2.1-CI-2018-1296, nr. 222CI/2018, 49500 lei.
10. Tehnologie asistată de proiectare, realizare și verificare a instalațiilor de legare la pământ, PN-III-P2-2.1-CI-2018-1293, nr. 221CI/2018, 49500 lei.
11. Electromagnetic field simulation of capacitive touch sensors. Beneficiary: Electrolux, 2015-2016, 20000 euro, 1 articol WOS [E.1.32];
12. Investigation of the circumstances and causes of the LV electrical equipment failure due to HV commutation at CEFD Solaris 56 MWp Ciuperceni, Bester Generacion, 2015, 3900 euro;
13. Consultanță de specialitate, măsurători și verificări ale instalațiilor de legare la pământ la stâlpi LEA 400 KV Gădălin – Cluj Est, Contract S.C. Emsens S.R.L Baia Mare, 2014, 1250 lei, 1 articol WOS [E.1.38];
14. Consultanță de specialitate, măsurători și verificări de instalații energetice, precum și implementare de noi aparate de verificări și diagnoză în activitatea societății, Contract S.C. IERDAN S.R.L, 2010, 1071 lei;
15. Școală universitară de formare inițială și continuă a personalului didactic și a trainerilor din domeniul specializărilor tehnice și ingineresti, DidaTec, POSDRU/87/1.3/S/60891, 2013;
16. Consultanță de specialitate privind implementarea soluțiilor moderne în alimentarea cu energie electrică. Surse regenerabile, micrețele inteligente, Contract S.C. Elewatul Serv S.R.L., 2010, 2300 lei;
17. Studiu privind calitatea energiei electrice distribuite prin rețelele electrice de MT, influența consumatorilor asupra calității energiei electrice; studiu de caz: SC ROMPLUMB SA Baia Mare, Contract SDFEE Transilvania Nord Baia Mare, 2008, 11660 lei, 2 articole [F.73], [F.74];
18. Studiu privind calitatea energiei electrice distribuite prin rețelele electrice de MT, influența consumatorilor asupra calității energiei electrice; studiu de caz: SC IZOTEROM SA Baia Mare și SC CAMPION SRL Pribilești, SDFEE Transilvania Nord Baia Mare, Contract SDFEE Transilvania Nord Baia Mare, 2008, 15000 lei, 2 articole [F.73], [F.74];
19. Realizarea și experimentarea unei instalații de perforare electro-hidraulică, beneficiar: Regia Autonomă a Plumbului și Zincului Baia Mare - la Institutul de Cercetări și Proiectări Miniere Baia Mare, 1994-1996;
20. Studiu și realizarea unei instalații de decolmatare electro-hidraulică, beneficiar: Regia Autonomă a Plumbului și Zincului Baia Mare - la Institutul de Cercetări și Proiectări Miniere Baia Mare, 1994-1996.

### F.3. MEMBRU ÎN COMITETE ȘTIINȚIFICE ȘI RECENZOR

1. **WOS:** 1. *IEEE International Conference on Environment and Electrical Engineering*, membru în comitetul științific și recenzor, 2013 - 2018;  
<http://eeeic.eu/program-committee/>  
2. *IEEE International Conference and Expositions on Electrical and Power Engineering (EPE)*, recenzor, 2018
2. Revistă din străinătate **BDI: Journal of Energy and Power Engineering**, ISSN:1934-8975, Ed. David Publishing Company (DPC), recenzor, 2012 - 2017;  
[http://www.davidpublishing.org/journals\\_info.asp?jld=1160#](http://www.davidpublishing.org/journals_info.asp?jld=1160#)
3. Revistă din România **BDI: Carpathian Journal of Electrical Engineering**, ISSN 1843-7583, secretar editor, 2008 – 2018 și recenzor;  
<http://cee.cunbm.utcluj.ro/boards/>
4. Revistă din România **BDI: Carpathian Journal of Electronic and Computer Engineering**, ISSN 1844 – 9689, recenzor, 2011 – 2014, 2017, 2018;  
<http://cjece.ubm.ro/index.php>
5. Revistă din străinătate neindexată: *Global Journal of Energy Technology Research Updates*, Ed. Avanti Publishers, membru în comitetul editorial și recenzor, 2014 – 2017.  
<http://www.avantipublishers.com/editorial-board-member-gjetru/>

**Data**

03.06.2019

**Semnătura**