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#### **Granturi de cercetare ca director de proiect - ultimii 5 ani**

##### ***Granturi finantate de Comunitatea Europeana***

1. The System for Metal Sheet Forming Design, Programul Copernicus, contract nr. IC15CT970708, Perioada: 1997-2000, Colaboratori: Université de Savoie - Annecy (France), Université Technique de Wroclaw (Pologne), Université de Porto (Portugal), Valoare totala pentru Universitatea Bacau: 47 mii EURO
2. The Intelligent System for Netshape Forming of Metal Sheet Products, Programul Cadru-5, Perioada: 2002-2005, Valoare totala pentru Universitatea Bacau: 150 mii EURO, Universitati partenere: Universitatea Tehnica din Wroclaw - Polonia, Universitatea Savoie- Franta, Universitatea Porto - Portugalia, Parteneri economici: PJ Ferramentas-Portugalia, SEP-Franța, Autotools -Polonia, WMW Bacău, SC Mecanica Ceahlau Piatra Neamt, MFI Poznan - Polonia

##### ***Granturi CNCSIS***

1. Studiul fenomenului de revenire elastica la indoirea plastica la rece a tablelor metalice, grant CNCSIS 1169/2001
2. Studiul fenomenului de revenire elastica la ambutisarea plastica la rece a tablelor metalice, grant CNCSIS 278/2002
3. Cercetari experimentale si prin simulare pentru determinarea tensiunilor reziduale in cazul deformarii plastice la rece a tablelor metalice, grant CNCSIS 1003/2004
4. Elaborarea modelului de calcul a parametrilor revenirii elastice si a sistemului de corectie a sculelor la deformarea plastica la rece a tablelor metalice, grant CNCSIS 1003/2005
5. Modelarea revenirii elastice a pieselor ambutisate din tanle metalice subtiri pe baza studierii curgerii materialului in matrita, grant CNCSIS 12/2006

***Granturi CEE/PNII***

1. Modul 2 - programe postdoctorale: SISTEM INTELIGENT DE PROIECTARE PRECISA A SCULELOR SI PROCESELOR DE DEFORMARE PLASTICA A TABLELOR METALICE PE BAZA MODELARII FENOMENELOR DE INSTABILITATE GENERATE DE ACESTE PROCESE

2. Modul 1- Metode de simulare, modelare si productie virtuala sau digitala bazate pe tehnologia informatiei si comunicarii (ICT) si dedicate noii generatii de sisteme de prelucrare reconfigurabile, Proiect CEE cu Univ. din Galati - 2005-2007

3. Modul1 - Tehnologie integrata de fabricatie a pieselor din table metalice subtiri, Grant CEE, 317/2006-2008

4. Program CAPACITATI, contract nr.115/2007, MODERNIZAREA SI CONSOLIDAREA INFRASTRUCTURII DE CERCETARE A GRUPULUI DE LABORATOARE DE CERCETARE SPECIFICE DEFORMARII PLASTICE LA RECE A TABLELOR METALICE

5. ANALIZA SI MODELAREA PROCESULUI DE GENERARE A TENSIUNILOR REZIDUALE IN COMPONENTELE MECANICE, program IDEI - proiecte de cercetare exploratorie, contract 595/2009