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Departamentul Tehnologa Materialelor si Sudare
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L I S T A d e L U C R A R I

1. Teza de doctorat

T1 I. Severin - *Studii și cercetări privind deformarea plastică a materialelor compozite cu matrice metalică din aluminiu* - Universitatea Politehnica din București, mai 1997, 224 pg., conducător științific Prof. dr. ing. G. Zgură

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6. Proiecte de cercetare-dezvoltare-inovare: a) obținute prin competiție pe bază de contract/grant în țară / străinătate (Pn-naționale, Pi-internaționale); b) alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz.

Pia.1. I. Severin - Director grant pentru partea romana – Program de colaborare bilaterală ANCS – Ministry of Science and Tech. Rep. Coreea, 2008-2009 – *Mechanical / chemical reliability assessment of silica optical fibres and optical fibres embedded sensors*

Pia.2. I. Severin - Director grant pentru partea romana – Programme d'Actions Intégrées EGIDE Brancusi 2007-2008, *Amélioration de la fiabilité des fibres optiques monomode à base de silice*, 2007-2008

Pia.3. Agreement n° 2006 – 2894/001-001 LE2-73MOT – CE DGEAC and ISFOL Italy, *Transparency, validation and credit transfer - I. Severin coordonator proiect partea română* http://www.tg4transparency.com/events_1.htm, 2006-2007 – organizator eveniment *Mobility beyond borders. The contribution of transparency of qualifications and credit transfer*, Bucuresti 23 martie 2007 (120 participanți, 21 țări)

Pia.4. Agreement n° 2006 – 4511/001-001 LE2-73MOT – CE DGEAC and CINOP NL (Olanda), *Exchange knowledge and start networking, Establish platform and work together - Skills and competences in SMEs and sectors*, 2007-2008, www.skillsweb.eu **I. Severin coordonator proiect partea română**

Pic.1. Membru in echipa de cercetare – Proiect de colaborare bilaterala cu South Africa National Research Foundation (NRF) Grant Number UID 67953 si ANCS Project Number 101/2008 MAMMA, director de proiect prof. dr. ing. Mihai Caramihai

Pic.2. A. Szuder, director grant pentru partea română – *TQM Strategy* – DG EC proiect pilot, E/99/2/011072/PI/II.1.1.c/FPI, Contractor: Instituto Tecnológico di Aragon, Parteneri: Mt Servicios, Gobierno di Aragon – Spania, Cr 2I – Franța, Universitatea din Bratislava – Slovacia, Univ. Politehnica Buc – **I. Severin, participant** in echipa de proiect și elaborare manual *Handbook Quality Assurance in Higher Education* – **I. Severin**, O.V. Rîndașu, 2000-2001.

Pic.3. G. Amza, director grant pentru partea română - *Promotion of Quality Spirit in Educational Process* – DG EC proiect pilot - RO/98/1/83554/PI/I.1.1.b/CONT, Contractor – Univ. Politehnica Buc, Parteneri: Univ. De Montfort, Leicester, UK, Univ. din Rennes – IUT, Franța, Univ. do Porto, Portugalia – **I. Severin responsabil cu partea tehnică a proiectului** și elaborarea manualelor: *La Qualité dans le domaine des Services* – **I. Severin**; *L'amélioration continue de la qualité* – **I. Severin**; *le TQM* – **I. Severin**, O. V. Rîndașu, *Guidelines for Quality in Education* - **I. Severin**, O. V. Rîndașu – 4 volumes și CD, 1999-2000.

Pic.4. I. Severin - participant la toate fazele contractului Coordonator - Prof. F.Delannay, Universite Catholique de Louvain, Belgia, Responsabil pentru Universitățile din România - Prof. P. Moldovan - *Amelioration des techniques et developpement des procedes de recyclage des materiaux metalliques poliphase et composites pour application dans les industries des transports* – U.P.B. – C.E.M.S. contract ERCIPACT 940192 - COPERNICUS 94 colaborare între universități din Belgia, Franța, Slovacia și România - perioada 1995-1997

Pna.1. I. Severin - director grant, CNCSIS / tema 27_cod cncsis 68, Nr. intern UPB - IM 220601 (220701) – *Evaluarea fiabilitatii fibrelor optice monomod pe baza de silice. Mecanisme de deteriorare mecanica si chimica*, 2006-2007 – www.cncsis.ro/GranturiFinalizate

Pna.2. I. Severin – director grant T, *Evaluarea materialelor compozite prin tehnici combinate de investigare* – A.N.S.T.I, contract nr. 5076 / 18.11.1999, tema B 47, perioada 1999 – 2000

Pna.3. G. Zgură, G. Măzăreanu, G. Solomon, I. Severin, G. Amza– Cercetarea, proiectarea și realizarea modelului experimental al sistemului de dispozitive în construcție modulară pentru mecanizarea și automatizarea operațiilor de sudare - U. P. B. – C.A.M.I.S – Ministerul Cercetării și Tehnologiei, contract nr. 711 / 1996, act ad. 579 / 98 / II, comisia 4.1, tema A30, perioada 1998- 2000 - **responsabil temă**

Pna.4. G. Zgură, I. Severin – Cercetări privind tehnologiile de prelucrare a materialelor compozite - U. P. B. – C.A.M.I.S – Ministerul Cercetării și Tehnologiei, contract nr. 711 / 1996, act ad. 579 / 98 / II, comisia 4.1, tema A25, 5 faze, perioada 1996-1998 - **responsabil temă**

Pna.5. G. Zgură, I. Severin– Cercetări privind proprietățile, metodele de încercare și procesare a materialelor compozite cu matrice metalică – U. P. B. – C.A.M.I.S – Ministerul Cercetării și Tehnologiei, contract nr. 337 - act ad. 3 / 2.09.1994, comisia 4.2, tema B28, 4 faze, perioada 1994-1996 - **responsabil temă**

Pnc.1. Membru in echipa de cercetare ANCS No. Grant 62-051 (Proiect ATHENA) director de proiect prof. dr. ing. Mihai Caramihai

Pnc.2. Expert pe termen lung, director calitate – FSE POSDRU/89/1.5/S/52432, Scoala postdoctorala de interes national “BIOTEHNOLOGII APLICATE” cu impact in bioeconomia romaneasca (SPD-BIOTECH), coordonat USAMV Cluj Napoca, director coordonator proiect prof. dr. Virgil Pamfil

Pnc.3. Expert pe termen lung, manager calitate – FSE POSDRU 86/1.2/S/62885, Bursa de proiecte, coordonat MECTS, director proiect partener UPB, prof. dr. ing. Marin Alexandru

Pnc.4. Expert pe termen scurt, domeniul de studii Inginerie si management, Inginerie Economica in domeniul mecanic, proiect FSE DOCIS 2009-2011 POSDRU 2/1.2/S/2 – coordonat de ACPART, director proiect prof. dr. ing. Sorin Zaharia

Pnc.5. IMI PQNET ETS “Rețeaua Autorităților Competente pentru Calificările Profesionale din România, POSDRU/93/3.3/S/53132 director proiect Andrei Linu

Pnc.6. Participant în echipa de cercetare - responsabil științific proiect - *Sisteme nanohibride pentru electrocataliza in pile cu combustibili regenerabili*, SINECAR, PN proiect PARTENERIATE, nr.21-058/13.09.2007, director grant conf. A. Banu

Pnc.7. Participant în echipa de cercetare - Coordonator stiintific / responsabil calitate - *Cercetari privind sinteza electrochimica a unor materiale compozite micro si nano structurate pentru aplicatii in dezvoltare durabila* – ELECTROCHIMAT CEEX 309/13.09.2006, 2006-2008, director grant conf. A. Banu

Pnc.8. Participant în echipa de proiect - Formator – pregătire in domeniul calitatii – responsabili calitate, salariat din domeniul mobilei PHARE 2002 – Coeziune economica si sociala. Dezvoltarea resurselor umane, proiectul „Formarea in domeniul calitatii in industria

mobilei” – responsabil ADEMS SRL, partener Univ. Politehnica Buc. (director prof. A. Szuder) , 2005-2006

Pnc.9. Participant în echipa de cercetare – Aplicarea termografiei în IR pentru caracterizarea materialelor compozite - A.N.S.T.I, contract nr. 5076 / 18.11.1999, tema A 5, perioada 1999 – 2000, director grant prof. A. Mihai

Pnc.10. Participant în echipa de proiect, CNFIS - Banca Mondiala, Certificarea absolventilor de colegiu în controlul nedistructiv, perioada 1999-2000, director proiect prof. G. Amza

Pnc.11. Participant în echipa de cercetare la etapa I, faza II – iunie 1992 și etapa II, faza I – martie 1993, director proiect prof. P. Gladcov – *Studii și cercetări privind prelucrarea materialelor prin deformare plastică prin rotofricțiune pe mașini unelte de tipul strungurilor* - Ministerul Învățământului, contract nr. 28-91-9/28.03.1991.

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Semnătura: