

# CURRICULUM VITAE

1. Nume: **BADESCU**

2. Prenume: **Loredana Anne-Marie**

3. Data și locul nașterii: **21 februarie 1952, Brasov**

4. Cetățenie: **ROMANA**

## 5. Studii:

<b>Institua</b>	Universitatea TRANSILVANIA din Brasov	Universitatea TRANSILVANIA din Brasov
Perioada:	Oct. 1971-iunie 1976	Martie 1989 -dec 1996
Grade sau diplome obținute	inginer	Doctor Inginer

## 6. Alte specializări și calificări:

<b>Institua</b>			
Universitatea TRANSILVANIA din Brasov	mai-iunie 1981	Curs de pedagogie universitara	
Universitatea TRANSILVANIA din Brasov	Nov-dec 2003	Operator Office	
Universitatea TRANSILVANIA din Brasov	Ian-febr 2004	Operare DELPHY	
Universitatea TRANSILVANIA din Brasov	Mai-iulie 2004	Managementul calitatii in invatamantul superior	
Universitatea TRANSILVANIA din Brasov	Sept nov 2005	Auditul calitatii in Invatamantul Superior	
WBF/GTZ- Austria, Fac Ind Lemnului si CCSPL	26-28 aprilie 2005	Cercetare dezvoltare consultanta industrie in	
ENSAM-Paris Franta	5-17 iunie 2006	Démarche Qualité	
WBF/GTZ- Austria, APMR si Facultatea Industria Lemnului	10-11 nov 2006,	Seminar international "Design, Conceptie si Marketing in cadrul industriei de mobila".	
IVALSA CNR ITALIA Laboratoriu Qualità del Legno	8-17 oct 2006	Training tehnici de masurare si evaluare parametrilor regimului de aschiere	
MEdC/CNCSIS VET IV/Quality Assurance - HE/8.2.5	3-4 May 2007	Training for Curriculum Developers	
ARACIS PHARE: EuropeAid 121318/D/SV/RO - Romania	17-18 mai 2007	TRAINING Improvement of region specific TVET system	
BRUEL and KJAEER - Bucuresti Reprezentanta	15-16 decembrie 2007	TRAINING utilizarea echipamentelor BRUEL and KJAEER	
SARTOROM and NETZSCH Stuttgart Germany	March 28, 2008	Measuring Systems for the Determination of Thermal and Structural Properties of Materials"	
SP Technical Research Institute of Stockholm-Sweden	March 19-23 2008	Modeling to sustainable promotion of wooden products and technologies with impacts on the environment quality"	
SP Technical Research Institute of Boras -Sweden	March 24-29 2008	Sustainable Wood Products - Europeans Formatives	

## 7. Titlul științific:

PROFESOR UNIV. DOCTOR INGINER

- **Conducator Doctorat** in domeniul fundamental STIINTE INGINERESTI, domeniul de specializare Inginerie Industrială (9 doctoranzi cu frecvență, un doctorand in co-tutela, patru doctoranzi fara frecvență)

### 8. Experiența profesională:

<b>Perioada</b>	03/2006 – prezent	03/2004 – 03/2006	03/2000 – 03/2004	03/1996 – 03/2000	03/1992 – 03/1996	03/1990 – 03/1991	03/1980 – 03/1990
<b>Locul:</b>	Brașov	Brașov	Brașov	Brașov	Brașov	Brașov	Brașov
<b>Instituția</b>	Universitatea Transilvania din Brașov	Universitatea Transilvania din Brașov	Universitatea Transilvania din Brașov	Universitatea Transilvania din Brașov	Universitatea Transilvania din Brașov	Universitatea Transilvania din Brașov	Universitatea Transilvania din Brașov
<b>Funcția:</b>	-Director CCSPL - membru Comisia CEAC Universitatea Transilvania	-Secretar Stiintific Facultatea Industria Lemnului -Director CCSPL	-Adj Sef Catedra MIL Mașini pentru Industria Lemnului -Director CCSPL	-Adj. Șef de Catedră, Mașini pentru Industria Lemnului	-Secretar Stiintific Catedră, Mașini pentru Industria Lemnului	-Secretar Stiintific Catedră, Mașini pentru Industria Lemnului	-Secretar Stiintific Catedră, Tehnologia Lemnului
<b>Descriere</b>	Coordonarea activităților stiintifice în CCSPL Coordonarea activităților de evaluarea calitatii si acreditare	Coordonarea activităților stiintifice în Facultatea Ind Lemnului Coordonarea activităților stiintifice în CCSPL	Responsabil cu întocmirea planurilor de învățământ și a programelor Coordonarea activităților Catedrei	Responsabil cu întocmirea planurilor de învățământ și a programelor	Responsabil cu activitățile studentești Responsabil cu activitățile stiintifice ale catedrei	Responsabil cu activitățile stiintifice ale catedrei	Responsabil cu activitățile stiintifice ale catedrei

**9. Locul de muncă actual și funcția:** Universitatea TRANSILVANIA din Brasov/ Facultatea de Ingineria lemnului / Departamentul Prelucrarea Lemnului si Design-ul Produselor din Lemn / Director CCSPL

**10 . Vechime la locul de muncă actual:** 33 ani

### 11. Limbi straine cunoscute:

franceza (f.Bine), italiana (Bine), engleza (satisfactor)

### 12. Lucrări elaborate și / sau publicate

#### 12.1 Monografii:

- **BADESCU. L., (1994)** *Proiectarea dispozitivelor si verificatoarelor utilizate in industria lemnului*, Ed. Universitatii Transilvania, Brasov, pp300
- **BADESCU. L.,(1999)** *Dispozitive pentru industria lemnului*, Ed. Lux-Libris, Brasov, ISBN 973-9240-83-6 pp 297
- **BADESCU. L.,(2000)** *Modelarea si optimizarea proceselor prin aschiera lemnului*, Ed. INFOMARKET, Brasov, ISBN 973-8204-07-0. pp 107
- **BADESCU. L.,(2001)** *Modelarea si optimizarea ferastruirii lemnului*, Ed. Universitatii Transilvania, Brasov, ISBN 973-635-094-0 pp 222
- **BADESCU. L.,(2002)** *Wood Science and Engineering in the Third Millennium”* Proceedings Editura Universității “Transilvania” din Bra ov ISBN 973-635-078-9 pp 432
- TARAN, N., **BADESCU. L.,(2003)** *Stiinta si Ingineria lemnului in Mileniul III”* Buletin Conferinta Editura Universității “Transilvania”, 973-635-230-7 pp 386
- **BADESCU. L.,(2004)** *Wood Science and Engineering in the Third Millennium”* Proceedings Editura Universității “Transilvania”, ISBN 973-635-385-0 pp 342
- **BADESCU. L., s.a.,(2005)** *Stiinta si Ingineria lemnului in Mileniul III”* Buletin Conferinta Vol I Editura Universității “Transilvania” ISBN 973-635-601-9; si ISBN 973-635-599-3 pagini 362
- **BADESCU. L., s.a.,(2005)** *Stiinta si Ingineria lemnului in Mileniul III”* Buletin Conferinta Vol II Editura Universității “Transilvania” ISBN 973-635-602-7 pagini 104 si ISBN 973-635-601-9
- **BADESCU. L.,(2006)** *Taierea fina cu panze circulare-Modelare si Optimizare* Editura Universității Transilvania, ISBN 973-635-386-9

- M.Cionca, Curtu, I., **Badescu, L.**, Olarescu, A., Innovative Value-added Wooden Materials Obtained from Ecology-Oriented Processing of Wasted Forestry Resources, 2006,150 pagini, Editura Universitatii Transilvania din Brasov, ISBN 973-635-834-8
- **BADESCU. L.**,s.a.,(2007) *Devices for Wood Industry* Editura Universității Transilvania, electronic
- CIONCA, M., GURAU, L., **BADESCU, L.**, OLARESCU, A., ZELENIU, O.(2008) Branch Wood for Eco-Design, Ed Universitatii Transilvania din Brasov, 2008, 138 pag. ISBN 978-973-558-376-5

### 12.2 Lucrări publicate în reviste cotate ISI, BDI sau de specialitate (in ultimii 5 ani)

1	CIONCA, M, GURAU, L, ZELENIU, O <b>BADESCU, L</b> (2006) Microscopic and Macroscopic Characteristics of Branch Wood Compared to Wood from Stem IN Bulletin of the Transilvania University of Brasov. Vol.13 (48). Pp. 285-292, ISSN 1223-964X
2	CIONCA, M., <b>BADESCU L.A.M</b> , ZELENIU, O., GURAU, L. si OLARESCU, (2006) A PANOURI OBTINUTE DIN CRENGI/ PANELS MADE OF CROSSCUT BRANCHES in PRO LIGNO. VOL.2. NO.4. 2006. PAG. 35-42. ISSN 1841-4737
3	<b>Loredana Anne-Marie BADESCU</b> (2007) INDICATORI SINTETICI DE EVALUARE A POTENȚIALULUI INTELECTUAL DE CERCETARE pag 8, Rv LEMN EXPERT nr 3 2007 ISSN
4	Constantin IONESCU, <b>Loredana BADESCU</b> (2007) VĂ PREZENTĂM CENTRUL DE CERCETARE ȘTIINȚIFICĂ "PRELUCRĂREA LEMNULUI BRASOV" Rv MOBILA nr 2/2007 iulie-august ISSN
5	Alin Olărescu, Marina Cionca, <b>Loredana Anne-Marie BĂDESCU</b> , Ioan Muscu, (2007) DESIGNING AND MANUFACTURING FURNITURE WITH BRANCH WOOD PANELS, lucrare susținută în cadrul 5-th International Conference on Challenges in Higher Education and Research in the 21-th Century, Sozopol, Bulgaria, 5-9 june 2007.
6	Alin Olărescu, Marina Cionca, <b>Anne-Marie Loredana BĂDESCU</b> , Lidia Gurău, (2007) CHEMICAL COMPOSITION OF BRANCH WOOD COMPARED TO WOOD FROM STEM, lucrare susținută în cadrul International Conference Wood Science and Engineering in the Third Millenium, ICWSE, Universitatea Transilvania din Brașov, Brașov, 20-22 iunie 2007
7	Alin Olărescu, <b>Loredana Anne-Marie BĂDESCU</b> , (2007) Marina Cionca, ASPECTE PRIVIND PROIECTAREA SI EVALUAREA NIVELULUI ECOLOGIC AL UNUI PRODUS REZULTAT DIN UTILIZAREA RESURSELOR SECUNDARE, lucrare susținută în cadrul 31 <sup>st</sup> ARA Congres – Pro-Active Partnership in Creativity for the Next Generation, the American Romanian Academy of Arts and Sciences, Brașov, 31 July – 5 August., 2007.
8	Mihalevschi, D., <b>Badescu, L.</b> , Mucioniu, A., Cernica, I., Ciuciumis, A (2007) "Noi materiale de finisare în perspectiva MILENIULUI III" – Revista ECOFORUM – martie 2007 ISSN 1584-9066
9	L Dumitrescu, D. Mihalevschi, <b>L Badescu</b> , I Manciu, (2008) NANOSTRUCTURED COATING MATERIALS B in Bulletin of the Transilvania University of Brasov. Vol.13 (48). Pp. 285-292, ISSN 1223-964X
10	OLĂRESCU, A[lin]; <b>BĂDESCU, L[oredana] A[nne]-M[arie]</b> , (2008) BONDING QUALITY OF PANELS MADE OF CROSSCUT SOFTWOOD BRANCHES, Annals of DAAAM for 2008 & Proceedings of the 19 <sup>th</sup> International DAAAM Symposium, ISSN 1726-9679 ISBN 978-3-901509-68-1, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2008
11	<b>Loredana Anne-Marie BADESCU</b> , Lucia DUMITRESCU, Daniela MIHALEVSCHI, (2009) Research concerning the influence of some micro and nano-materials on the wood based product finishing quality in sustainable development conditions, Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of NANOTECHNOLOGY'09 Cambridge, UK, ISBN 978-960-474-059-8, ISSN 1790-5117, pag 25-34, Editors: L. Trilling, D. Perkins, s.a. Published by WSEAS Press, Cambridge, UK 2009
12	ANCA MARIA VARODI, VALERIU PETROVICI, <b>LOREDANA ANNE-MARIE BADESCU</b> , EMANUELA BELDEAN,( 2009) Study upon the Quality of Some Structural Adhesives Based on Mixed Furan Resin with Furfurilyc Alcohol Annals WSEAS 2009 Proceedings of the 1st International Conference on Manufacturing Engineering, Quality and Production Systems Brasov sept 2009 ISSN: 1790-2769 ISBN: 978-960-474-122-9 pag.461
13	<b>Loredana Anne Marie Badescu</b> , Valeriu Petrovici, Simona Urdea, Iudith Kinga David (2009) Study on the Stable State Formaldehyde Emission at 60°C for Plywood by A Modified Flask

	Method Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7 <sup>th</sup> WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 (pag.15-17 plenary speakers) pag 50-55
14	Zeleniuc Octavia <sup>1</sup> , <b>Badescu Loredana Anne-Marie</b> <sup>2</sup> , Dumitrescu Lucia (2009) Wood Drying in Context of Sustainable Development, Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7 <sup>th</sup> WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag.58
15	N. Godan, N. Taran, <b>L. Badescu</b> (2009) Analysis of noise level at longitudinal wood processing with different circular saw blades, Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7 <sup>th</sup> WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag.168
16	Lucia Dumitrescu <sup>1</sup> , <b>Loredana Anne Marie Badescu</b> <sup>2</sup> , Valeriu Petrovici <sup>3</sup> , Ileana Manciualea <sup>1</sup> Octavia Zeleniuc(2009) Nanocomposite Ecomaterials Based on Polymers and Alumina Nanoparticles for Wood Preservation Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7 <sup>th</sup> WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag.180
17	OLARESCU, A[lin] M.; CIONCA, M[arina]; GURAU, L[idia]; <b>BADESCU, L[oredana] A[ne-Marie]</b> (2009) Flatness of Eco-Panels made of Crosscut Softwood Branches The 3 <sup>rd</sup> European DAAAM International Young Researchers´ and Scientists´ Conference 25-28th November 2009, Vienna, Austria
18	DUMITRASCU, R., <b>BADESCU, L.A.M.</b> , (2009) ANALYSIS OF TWO PROPERTIES OF JUVENILE WOOD OF WHITE CEDAR IN ORDER TO USE IT FOR TO OBTAIN ECO STRUCTURES OF PANEL TYPE in Proceedings of The 3 <sup>rd</sup> European DAAAM International Young Researchers´ and Scientists´ Conference 25-28th November 2009, Vienna, Austria
19	Judith Kinga David, Valeriu Petrovici , Octavia Zeleniuc, <b>Loredana Anne - Marie Badescu</b> , Simona Nicoleta Urdea, Livia Sangeorzan (2009)Distribution of Formaldehyde Emission in Particleboards Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING Geneva Italy ISSN: 1790-2769 , ISBN: 978-960-474-131-1 pag153
20	Simona-Maria Barbu, <b>Loredana Anne-Marie Badescu</b> , Cosmin Spirchez (2009) COMPARATIVE STUDY CONCERNING THE WOOD MOISTURE DETERMINED WITH THE DIGITAL DISPLAY DEVICES (studiu comparativ privind umiditatea lemnului determinata cu ajutorul aparatelor digitale cu afisare) Challenges in Higher Education & Research, vol. 7 Bulgaria 2009eds. L. Dimitrov, T. Tashev, R. Deliyski, Heron Press, Sofia, 2009 ISBN 978-954-580-268-3 pag 841
21	Dumitrascu R, <b>Badescu, LAM.</b> , (2009) Determination Moisture and Density from Trunks of Spruce ( <i>Picea Abies K.</i> ) Obtained from Cultural Operations Made in Forest Challenges in Higher Education & Research, vol. 7 Bulgaria, eds. L. Dimitrov, T. Tashev, R. Deliyski, Heron Press, Sofia, 2009 ISBN 978-954-580-268-3, pag 249

### 12.3 Lucrări prezentate la conferințe de specialitate (in ultimii 10 ani)

1	<b>Bădescu Loredana</b> (2000) <i>Study of the displacements in circular saw generated by the forces <math>F_y</math> in the cutting process</i> 12 th International Symposium on Nondestructive Testing of Wood WOOD NDT 2000 13 – 15 sept 2000
2	<b>Bădescu Loredana</b> (2001) <i>Determination of the Forces Generated on the Tooth During the Fine Circular Cutting of the Wood</i> Proceeding of .W.M.S. 15. 2001 Los Angeles SUA
3	<b>Loredana Anne-Marie BADESCU</b> (2002) <i>The mathematical and experimental model for determining the cutting forces in circular saw process</i> Conferinta internationala Wood Science and Engineering in the thride Millennium 20-22 nov 2002
4	<b>Bădescu Loredana</b> (2002) <i>Les limites de l'avoyage pour les scies circulaires</i> International Conference Wood Science and Engineering in the third millennium I.C.W.S.E-2002 20-22 nov 2002 Brasov, ROMANIA

5	Ciprian LAZARESCU, Ioan CURTU, <b>Loredana Anne-Marie BADESCU (2002)</b> <i>Aspects concerning circular saw blades stresses Conferinta internationala Wood Science and Engineering in the thride Millennium 20-22 nov 2002</i>
6	<b>Bădescu L (2003)</b> <i>Aspecte privind stadiul actual al cercetarilor in domeniul taierii lemnului cu panze circulare. Conferinta nationala SIL-2003 20-210Nov 2003</i>
7	<b>Bădescu L (2003)</b> <i>Modelare si optimizare dispozitive pentru frezarea pe CNC-uri Conferinta nationala SIL-200320-210Nov 2003</i>
8	<b>Bădescu L Spirchez C (2003)</b> <i>Optimizarea debitarii panourilor de PAL melaminat Conferinta nationala Stiinta si ingineria lemnului in mileniul III 20-21 nov. 2003 Brasov SIL</i>
9	<b>Bădescu L (2003)</b> <i>Considerații privind cercetările actuale din domeniul tăierii fine cu pânze circulare Conferinta nationala Stiinta si ingineria lemnului in mileniul III 20-21 nov. 2003 Brasov SIL</i>
10	<b>Bădescu L Spirchez C (2003)</b> <i>Studiu privind determinarea durabilității pânzelor circulare placate cu carburi metalice și a pânzelor diamantate folosite la debitarea PAL-ului melaminat "thermopal ".Conferinta nationala Stiinta si ingineria lemnului in mileniul III 20-21 nov. 2003 Brasov SIL</i>
11	<b>Bădescu L Spirchez C (2003)</b> <i>Studii privind variația lățimii tăieturii la ferăstruirea lemnului cu pânze circulare. Conferinta nationala Stiinta si ingineria lemnului in mileniul III 20-21 nov. 2003 Brasov SIL</i>
12	<b>Bădescu Loredana (2003)</b> <i>Mathematical model for determining the chip geometry in circular sawing process International Wood Machining Seminar I.W.M.S./16 24-27 aug. 2003 Matsue JAPAN</i>
13	<b>Bădescu L, (2004)</b> <i>Perspectives de developpement de l'industrie d'exploitation et usinage bois en roumanie Loredana Anne-Marie BADESCU, Ioan SBERA, Oana-Andreea PIRNUTA, Proceedings of 4<sup>th</sup> International Conference Wood Science and Engineering in the thrid Millennium, Brasov-Romania November 10-12, 2004 pag 11-19 ISBN 973-635-385-0</i>
14	J.M Ghement, AL. Mitoris, O Zeleniuc, E Rădulescu, <b>Bădescu L, (2004)</b> , <i>SOME ISSUES CONCERNING THE MOIRÉ PHENOMENON Proceedings of 4<sup>th</sup> International Conference Wood Science and Engineering in the thrid Millennium, Brasov-Romania November 10-12, 2004 pag 221-229 ISBN 973-635-385-0</i>
15	Ioan CURTU, Marius BABA, <b>Loredana Anne-Marie BĂDESCU</b> ,Angela REPANOVICI, <b>(2004)</b> <i>ASPECTS CONCERNING THE APPLICATION OF SOME FAILURE CRITERIA TO DIFFERENT WOOD SPECIES AND WOOD COMPOSITE MATERIALS Proceedings of 4<sup>th</sup> International Conference Wood Science and Engineering in the thrid Millennium, Brasov-Romania November 10-12, 2004 pag 231-237 ISBN 973-635-385-0</i>
16	<b>Bădescu L, Pirnuta O, (2004)</b> <i>Perspectives de développement pour les industries du bois en Roumanie 2004,Cahiers Scientifiques du Bois nr 3/2005 ISBN 2-9070-86-11-1 Franta</i>
17	<b>Bădescu L, (2004)</b> , <i>Researces in Wood Industry of Romania Proceedings of COST E35 Action 28-30 octombrie 2004 Cluny FRANCE</i>
18	<b>Bădescu Loredana (2005)</b> <i>Proiectarea parametrizata a elementelor de siapozitive utilizand programul mechanical Desktop in Bul CONFERINȚA NAȚIONALĂ "CERCETARE –DEZVOLTARE IN DOMENIUL LEMNULUI" Bucuresti, 16-17 iunie 2005</i>
19	<b>Bădescu Loredana</b> Teofil MIHAILESCU Cosmin SPIRCHEZ Cornelia CHIMINA <b>(2005)</b> <i>Proiectarea asistata de calculator a reazemelor pentru dispozitive de prelucrare a reperelor in Bul Conferința Națională "CERCETARE –DEZVOLTARE IN DOMENIUL LEMNULUI" Bucuresti, 16-17 iunie 2005</i>
20	<b>Bădescu Loredana, Cornelia CHIMINA (2005)</b> <i>Variatia pozitiei elementelor de reazem si a mecanismelor de fixare în dispozitiv functie de adancimea de frezare a profilului in Bul CONFERINȚA NAȚIONALĂ "CERCETARE –DEZVOLTARE IN DOMENIUL LEMNULUI" Bucuresti, 16-17 iunie 2005</i>
21	<b>Loredana Anne-Marie BADESCU, Simona BARBU(2005)</b> <i>Aspecte privind defectele care apar la burghierea strapunsa a panourilor pe baza de lemn cu burghie elicoidale si burghie cu varf de centrare si dinti trasori Conferinta nationala Stiinta si ingineria lemnului in mileniul III 4-6 nov. 2005 Brasov SIL</i>

22	<b>Loredana Anne-Marie BADESCU, Cecilia CARP (2005)</b> <i>aspecte privind estimarea riscului de aparitie a arsurilor pe suprafata materialului in timpul prelucrarii prin investigarea geometriei sculei</i> , Conferinta nationala Stiinta si ingineria lemnului in mileniul III 4-6 nov. 2005 Brasov SIL
23	Mircea Emilian BOGATEANU, <b>Loredana Anne-Marie BADESCU (2005)</b> <i>dispozitiv de lucru pentru determinarea influentei continutului de umiditate asupra formarii aschiilor in procesul de frezare a lemnului</i> Conferinta nationala Stiinta si ingineria lemnului in mileniul III 4-6 nov. 2005 Brasov SIL
24	Mircea Emilian BOGATEANU, <b>Loredana Anne-Marie BADESCU (2006)</b> <i>Conceiving divice of attachment and position their on maschine toolsin Numerical Control</i> of International Scientific Conference to the 10 <sup>th</sup> anniversary of FEVT foundation TRENDS OF WOODWORKING, FOREST AND ENVIRONMENTAL TECHNOLOGY DEVELOPMENT AND THEIR APPLICATIONS IN MANUFACTURING PROCESSES Technical University in Zvolen Faculty of Environmental and Manufacturing Technologies 5 <sup>th</sup> - 7 <sup>th</sup> September 2006 Zvolen Slovak Republic
25	<b>Bădescu Loredana Anne-Marie (2006)</b> <i>The evolution of tools wearing and surface quality during MDF milling</i> International Scientific Conference to the 10 <sup>th</sup> anniversary of FEVT foundation TRENDS OF WOODWORKING, FOREST AND ENVIRONMENTAL TECHNOLOGY DEVELOPMENT AND THEIR APPLICATIONS IN MANUFACTURING PROCESSES Technical University in Zvolen Faculty of Environmental and Manufacturing Technologies 5 <sup>th</sup> - 7 <sup>th</sup> September 2006 Zvolen Slovak Republic
26	Daniela MIHALEVSCHI, <b>Loredana Anne Marie BADESCU</b> , Ileana CERNICA (2006) <i>NANOTECHNOLOGIES IN WOOD INDUSTRY - PERSPECTIVES</i> 5 <sup>th</sup> INTERNATIONAL SYMPOSIUM WOOD STRUCTURE AND PROPERTIES, IUFRO and Technical University in Zvolen September 3-6, 2006 Zvolen Slovak Republic (ISI)
27	Spirchez Cosmin - <b>Badescu Anne-Marie Loredana</b> - Racasan Sergiu (2006) <i>The influence of the specific cutting force in the process of circular sawing</i> International Scientific Conference to the 10 <sup>th</sup> anniversary of FEVT foundation TRENDS OF WOODWORKING, FOREST AND ENVIRONMENTAL TECHNOLOGY DEVELOPMENT AND THEIR APPLICATIONS IN MANUFACTURING PROCESSES Technical University in Zvolen Faculty of Environmental and Manufacturing Technologies 5 <sup>th</sup> - 7 <sup>th</sup> September 2006 Zvolen Slovak Republic
28	Mircea Emilian BOGATEANU, <b>Loredana Anne-Marie BADESCU (2006)</b> <i>Conception of an supplementary device for positioning and fixing the pieces on three axis numerical control machines</i> of International Scientific Conference to the 10 <sup>th</sup> anniversary of FEVT foundation TRENDS OF WOODWORKING, FOREST AND ENVIRONMENTAL TECHNOLOGY DEVELOPMENT AND THEIR APPLICATIONS IN MANUFACTURING PROCESSES Technical University in Zvolen Faculty of Environmental and Manufacturing Technologies 5 <sup>th</sup> - 7 <sup>th</sup> September 2006 Zvolen Slovak Republic
29	Marina CIONCA, Octavia ZELENIIUC, Lidia GURAU, <b>Loredana BADESCU</b> , Alin OLARESCU (2006) <i>Eco-design approach. a research regarding the potential use of branches in new wooden products</i> of International Scientific Conference to the 10 <sup>th</sup> anniversary of FEVT foundation TRENDS OF WOODWORKING, FOREST AND ENVIRONMENTAL TECHNOLOGY DEVELOPMENT AND THEIR APPLICATIONS IN MANUFACTURING PROCESSES Technical University in Zvolen Faculty of Environmental and Manufacturing Technologies 5 <sup>th</sup> - 7 <sup>th</sup> September 2006 Zvolen Slovak Republic
30	Marina CIONCA, , <b>Loredana BADESCU</b> , Lidia GURAU, Octavia ZELENIIUC, Alin OLARESCU (2006) <i>Eco-design approach. a research regarding the potential use of branches in new wooden products</i> of ICECFOP - International Conference on Environmentally-Compatible Forest Products oct 2006 Poto-Portugalia
31	<b>BADESCU Loredana Anne-Marie</b> , POPESCU Maria, HELEREA Elena, PIRNUTA Oana Andreea (2007) <i>SYNTHETIC INDICATORS FOR THE ASSESSMENT OF THE INTELLECTUAL POTENTIAL OF RESEARCH</i> proceedings of 5 <sup>th</sup> International Conference "Challenges in Higher Education and Research in the 21-st Century" 5-9 June 2007, Sozopol, BULGARIA ISBN 978-954-580-227-0 pp159-161

32	<b>Alin OLĂRESCU, Loredana Anne-Marie BĂDESCU, Ioan MUSCU (2007)</b> DESIGNING AND MANUFACTURING FURNITURE WITH BRANCH WOOD PANELS in proceedings of 5 <sup>th</sup> International Conference "Challenges in Higher Education and Research in the 21-st Century" 5-9 June 2007, Sozopol, BULGARIA, ISBN 978-954-580-227-0 pp
33	Elena Helerea, Maria Popescu, <b>Loredana Badescu, Adina Dascalu (2007)</b> MANAGEMENT SYSTEM FOR THE PRACTICAL STAGES IN HIGHER EDUCATION of International Conference HIGH EDUCATION IN EU- 14-16 mai 2007 ROMA ISBN 978-973-635-979-8 PP 87-90
34	OLĂRESCU Alin, CIONCA, Marina <b>BĂDESCU Loredana Anne-Marie, GURĂU Lidia (2007)</b> CHEMICAL COMPOSITION OF BRANCH WOOD COMPARED TO WOOD FROM STEM ICWSE <i>The International Conference "Wood Science and Engineering in the Third Millenium"</i> . June 20-22, 2007
35	Alin OLĂRESCU, <b>Loredana Anne-Marie BĂDESCU, Marina Cristina CIONCA, (2007)</b> ASPECTE PRIVIND IMPORTANTA LEMNULUI CA RESURSA SI EVALUAREA NIVELULUI ECOLOGIC AL UNUI PRODUS REZULTAT DIN UTILIZAREA RESURSELOR SECUNDARE in ARA 31 iulie 2007
36	Cecilia STAN (CARP), <b>Loredana Anne-Marie BĂDESCU, (2008)</b> ENERGY CONSUMPTION RELATED TO WORK PARAMETERS IN MDF MILLING in The 3rd International Scientific Conference FORTECHENVI 2008, Prague, Czech Republic, 26-30 May 2008 ISBN 978-80-7375-182-1
37	Lidia GURAU, Marina CIONCA, <b>Loredana Anne-Marie Badescu, Octavia ZELENIU, (2008)</b> Some mechanical properties and application of PANELS MADE OF CROSSCUT BRANCHES. in The 3rd International Scientific Conference FORTECHENVI 2008, Prague, Czech Republic, 26-30 May 2008 ISBN 978-80-7375-182-1
38	Ramona Elena DUMITRASCU, <b>Loredana Anne-Marie BĂDESCU, (2008)</b> CHEMICAL COMPOSITION, PHYSICAL PROPERTIES AND MICROSCOPIC AND MACROSCOPIC CHARACTERISTICS OF JUVENILE WOOD in The 3rd International Scientific Conference FORTECHENVI 2008, Prague, Czech Republic, 26-30 May 2008 ISBN 978-80-7375-182-1
39	Alin Olarescu, <b>Loredana Badescu, (2008)</b> TANGIBLE, ANALOGICAL AND MATHEMATICAL MODEL FOR BRANCH WOOD UTILIZATION, in The 3rd International Scientific Conference FORTECHENVI 2008, Prague, Czech Republic, 26-30 May 2008 ISBN 978-80-7375-182-1
40	Alin Olarescu, <b>Loredana Badescu, Marina Cionca (2008)</b> Functional models of small products made of cross-textured panels obtained from softwood branches in SIXTH INTERNATIONAL CONFERENCE CHALLENGES IN HIGHER EDUCATION and RESEARCH in 21 <sup>st</sup> CENTURY June 4 - 7, 2008 Sozopol, Bulgaria
41	<b>Loredana Badescu, Cecilia Carp (2008)</b> Study of chip formation process during MDF milling SIXTH INTERNATIONAL CONFERENCE CHALLENGES IN HIGHER EDUCATION and RESEARCH in 21 <sup>st</sup> CENTURY June 4 - 7, 2008 Sozopol, Bulgaria
42	Cosmin Spirchez, Nicolae Taran, <b>Loredana Badescu, (2008)</b> Creating and selecting optimized machining conditions for circular saws used for cutting in HIGHER EDUCATION and RESEARCH in 21 <sup>st</sup> CENTURY June 4 - 7, 2008 Sozopol, Bulgaria
43	STAN (CARP) Cecilia, <b>BADESCU Loredana Anne-Marie (2008)</b> Application of Taguchi method for the optimization of power consumption in MDF milling, 3-rd SouthEast European Annual Doctoral Student Conference, 26-27 june 2008, Thessaloniki, Grecia 2008
44	Mihalevschi, D., <b>Badescu, A.M.L., Iliescu, B., Enculescu, I. (2008)</b> „Studii de spectroscopie optica si microscopie electronica pentru investigarea performantelor unor noi materiale de finisare destinate lemnului si produselor derivate din lemn” – Conferinta Nationala „Cercetare Dezvoltare-Productie in Domeniul Lemnului – Septembrie 2008, ISBN 978-973-0-05849-9
45	Helerea, I., Singearzan, L., <b>BADESCU L s.a. (2008)</b> Organization of the university scientific research. Tendencies and solutions. The International Conference Quality, Innovation & European Integration, Sibiu, September 18-20, 2008, Academy Of Economic Studies Bucharest, Romania

46	OLĂRESCU, A[lin]; <b>BĂDESCU, L[oredana] A[nne]-M[arie], (2008)</b> BONDING QUALITY OF PANELS MADE OF CROSSCUT SOFTWOOD BRANCHES, in Proceedings of the 2nd European DAAAM International Young Researchers´ and Scientists´ Conference 22-25th October 2008, Slovak University of Technology, Trnava, Slovakia (ISI)
47 UK	<b>Loredana Anne-Marie BADESCU</b> , Lucia DUMITRESCU, Daniela MIHALEVSCHI, (2009) Research concerning the influence of some micro and nano-materials on the wood based product finishing quality in sustainable development conditions in Proceedings of the 1-st WSEAS International Conference on NANOTECHNOLOGY'09 Cambridge, UK, February 21-23, 2009 pag 25-34, ISBN 978-960-474-059-8 si Electrical and Computer Engineering Series A Series of Research Books and Textbooks ISSN 1790-5117 (ISI)
48 Ro	Anca Maria VARODI, Valeriu PETROVICI, <b>Loredana Anne-Marie BADESCU</b> , Emanuela BELDEAN (2009) Study upon the Quality of Some Structural Adhesives Based on Mixed Furan Resin with Furfurilyc Alcohol in the WSEAS International Conference Brasov Romania 24-26 sept (Isi)
49 Sp	<b>Loredana Anne Marie BADESCU</b> , Study on the Stable State Formaldehyde Emission for wood products in The 7th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED'09 Tenerife, Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN 1790-5095, ISBN: 978-960-474-142-7 pag.15 (ISI)
50 Sp	<b>Loredana Anne Marie Badescu</b> , Valeriu Petrovici, Simona Urdea, Iudith Kinga David (2009) Study on the Stable State Formaldehyde Emission at 60°C for Plywood by A Modified Flask Method Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag. 50-56 (ISI)
51 Sp	Zeleniuc Octavia, <b>Badescu Loredana Anne-Marie</b> , Dumitrescu Lucia (2009) Wood Drying in Context of Sustainable Development, Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag.58 (ISI)
52 Sp	N. Godan, N. Taran, <b>L. Badescu (2009)</b> Analysis of noise level at longitudinal wood processing with different circular saw blades, Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag.168 (ISI)
53 Sp	Lucia Dumitrescu <sup>1</sup> , <b>Loredana Anne Marie Badescu</b> , Valeriu Petrovici, Ileana Manciu <sup>1</sup> Octavia Zeleniuc (2009) Nanocomposite Ecomaterials Based on Polymers and Alumina Nanoparticles for Wood Preservation Annals of WSEAS A Series of Research Books and Textbooks 2009 & Proceedings of 7th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED 09 Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009 ISSN: 1790-5095, ISBN: 978-960-474-142-7 pag.180 (ISI)
54 A	Olarescu, A[lin] M.; Cionca, M[arina]; Gurau, L[idia]; <b>Badescu, L[oredana] A[nne-Marie] (2009)</b> Flatness of Eco-Panels made of Crosscut Softwood Branches The 3rd European DAAAM International Young Researchers´ and Scientists´ Conference 25-28th November 2009, Vienna, Austria ISSN 1726-9679, ISBN 978-3-901509-70-4 pag 0611 (ISI)
55 A	DUMITRASCU, R., <b>BADESCU, L.A.M., (2009)</b> ANALYSIS OF TWO PROPERTIES OF JUVENILE WOOD OF WHITE CEDAR IN ORDER TO USE IT FOR TO OBTAIN ECO STRUCTURES OF PANEL TYPE in Proceedings of The 3rd European DAAAM International Young Researchers´ and Scientists´ Conference 25-28th November 2009, Vienna, Austria ISSN 1726-9679, ISBN 978-3-901509-70-4 pag 1915 (ISI)



<b>56</b> <b>I</b>	Judith Kinga David, Valeriu Petrovici , Octavia Zeleniuc, <b>Loredana Anne - Marie Badescu</b> , Simona Nicoleta Urdea, Livia Sangeorzan ( <b>2009</b> )Distribution of Formaldehyde Emission in Particleboards Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING Genova Italy ISSN: 1790-2769 , ISBN: 978-960-474-131-1 pag153 (ISI)
<b>57</b> <b>I</b>	<i>Spirchez Cosmin<sup>1</sup>, Valentin Ditu<sup>2</sup>, Nicolae Taran<sup>1</sup>, <b>Loredana Anne-Marie Badescu (2009)</b></i> Wear Analysis to Circular Saw Blades with Cutting of Carbide Metal Stuck at Beech Processing Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING Geneva Italy ISSN: 1790-2769 , ISBN: 978-960-474-131-1 pag 27 (ISI)
<b>58</b> <b>Bu</b>	Simona-Maria Barbu, <b>Loredana Anne-Marie Badescu</b> , Cosmin Spirchez ( <b>2009</b> ) COMPARATIVE STUDY CONCERNING THE WOOD MOISTURE DETERMINED WITH THE DIGITAL DISPLAY DEVICES (studiu comparativ privind umiditatea lemnului determinata cu ajutorul aparatelor digitale cu afisare) Challenges in Higher Education & Research, vol. 7 Bulgaria 2009eds. L. Dimitrov, T. Tashev, R. Deliyski, Heron Press, Sofia, 2009 ISBN 978-954-580-268-3 pag 841
<b>59</b> <b>Bu</b>	Dumitrascu R, <b>Badescu, LAM., (2009)</b> Determination Moisture and Density from Trunks of Spruce (Piecea Abies K.) Obtained from Cultural Operations Made in Forest Challenges in Higher Education & Research, vol. 7 Bulgaria, eds. L. Dimitrov, T. Tashev, R. Deliyski, Heron Press, Sofia, 2009 ISBN 978-954-580-268-3, pag 249
<b>60</b> <b>M</b>	Simona Barbu, <b>Loredana Anne-Marie Badescu, (2010)</b> 'Energy consumption, a possible factor in the assessment of surface drills quality at beech wood' in Recent Advances in URBAN PLANNING, CULTURAL SUSTAINABILITY and GREEN DEVELOPMENT and Proceedings of International Conference on Urban Sustainability, Cultural Sustainability, Green Development Green Structures and Clean Cars (USCUDAR 2010) Malta September 15-17, 2010 Published by WS EAS Press ISBN: 978-960-47 4-227-1; ISSN: 1792-4781; pag 38 pag 143 (ISI)
<b>61</b> <b>M</b>	O. Zeleniuc, A.M.Varodi, V. Petrovici, <b>A-M.L. Badescu, (2010)</b> Mechanical properties of wooden laminated structures glued with a furan resin based adhesive in Recent Advances in URBAN PLANNING, CULTURAL SUSTAINABILITY and GREEN DEVELOPMENT and Proceedings of International Conference on Urban Sustainability, Cultural Sustainability, Green Development Green Structures and Clean Cars (USCUDAR 2010) Malta September 15-17, 2010 Published by WS EAS Press ISBN: 978-960-47 4-227-1; ISSN: 1792-4781;pag 143 (ISI)
<b>62</b> <b>Po</b>	Barbu S, <b>Badescu LAM, L. JAVOREK<sup>3</sup> (2010)</b> Studies concerning the chip formation at the longitudinal drilling of the beech wood with help high speed camera <i>in</i> Annals of Warsaw University of Life Sciences – SGGW Forestry and Wood Technology No 72, 2010: (Ann. WULS-SGGW, Forestry and Wood Technology. 72, 2010 Warsaw) ISSN 1898-5912, Ed ZPW-POZKAL-Polonia pp: 9-12
<b>63</b> <b>Croatia</b>	<i>Dumitrascu R, <b>Badescu, LAM., (2010)</b></i> . Eco Structures of Panel Type and Timber Obtained from Young Stems Resulted from Forest Thinning, in Annals of DAAAM for 2010 & Proceedings of the 21st International DAAAM Symposium, "INTELLIGENT MANUFACTURING & AUTOMATION: FOCUS ON INTERDISCIPLINARY SOLUTIONS" 20-23rd October 2010, Zadar, Croatia, ISSN 1726-9679, ISBN 978-3-901509-73-5, Katalinic, B. (Ed.), pp. 0631-0632, Published by DAAAM International Vienna, Austria 2010
<b>64</b> <b>UK</b>	Spirchez <sup>1</sup> Cosmin, <b>Badescu<sup>1</sup></b> Loredana Anne-Marie, Ditu <sup>2</sup> Valentin, Taran <sup>1</sup> Nicolae, Pirnuta Andreea Oana <sup>3</sup> ( <b>2011</b> )Research regarding the Wear at Circular Saw Blades of Carbide Metal Stuck to Spruce sawing in "RECENT RESEARCHES in ENERGY & ENVIRONMENT", Processing of 6th IASME / WSEAS International Conference on ENERGY & ENVIRONMENT (EE '11,)Cambridge-UK February, 23-25, 2011, ISSN: 1792-8230 ISBN: 978-960-474-274-5, pp 177-182 Published by WSEAS Press 2011-UK

<b>65</b> <b>Ro</b>	Cosmin Spirchez, Calin Rosca, Ioan Balcu, Nicolae Taran, <b>Loredana Anne-Marie Badescu (2011)</b> The Influence of Vibration in Case the Longitudinal Processing Sprucewood on Circular Saws in: Proceedings of the 3rd WSEAS International Conference on MANUFACTURING ENGINEERING, QUALITY and PRODUCTION SYSTEMS (MEQAPS '11), Brasov Romania, April 11-13, 2011, ISBN: 978-960-474-294-3 pp 163-169 Published by WSEAS Press 2011Ro 656-254
<b>66</b> <b>Sp</b>	DARII, I., <b>B DESCU, L.A.M., (2011)</b> Research on the emission of dust resulting from sanding process for solid Spruce, Beech and MDF panel in: Proceedings of the WSEAS <a href="#">International Conference on Energy Systems, Environment, Entrepreneurship, Innovation (ICESEEI'11)</a> Barcelona, Spain, September 15-17, 2011, ISSN.....ISBN.....pp..... Published by WSEAS Press 2011-Sp 661-296

**Lucrari de sinteza prezentate in plenul unor conferinte, simpozioane, din UE si Romania**  
(in ultimii 5 ani)

<b>BADESCU L, (2004)</b> <i>Industrie du bois en Roumanie</i> , 6-eme Colloque SCIENCE INDUSTRIE BOIS 2-4 nov 2004 Epinal FRANCE
<b>BADESCU L, (2004)</b> <i>Researches in Wood Industry of ROMANIA</i> COST E35 28-30 octombrie 2004 Cluny FRANCE
<b>BADESCU L, (2004)</b> <i>Wood Industry of ROMANIA</i> ICWSE 2004 10-12 noiembrie 2004 BRASOV ROMANIA
<b>BADESCU L., (2004)</b> <i>Enseignement recherche industrie dans le domaine bois</i> of ICWSE,10-12 noiembrie 2004 BRASOV ROMANIA
<b>Loredana Anne-Marie BADESCU, Ioan SBERA, Oana-Andreea PIRNUTA (2004)</b> <i>Perspectives de développement de l'industrie d'exploitation et usinage bois en Roumanie</i> /ICWSE 2004 10-12 noiembrie 2004 BRASOV ROMANIA
<b>BADESCU L., (2005)</b> <i>Invatamant superior-Cercetare in domeniul lemnului</i> CONFERINȚA NAȚIONALĂ "CERCETARE –DEZVOLTARE IN DOMENIUL LEMNULUI" Bucuresti, 16-17 iunie 2005
<b>Loredana Anne Marie BADESCU,s.a. (2009)</b> Plenary Speaker - Study on the Stable State Formaldehyde Emission at 60°C for Plywood by A Modified Flask Method in The 7th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT-EED'09 Tenerife, Puerto De La Cruz, Canary Islands, Spain 14-16 dec 2009

**12.4 Proiecte științifice:** (in ultimii 5 ani)

<b>Programul/Proiectul</b>	<b>Funcția</b>	<b>Perioada</b>
Competitie <b>CNCSIS</b> al „WOOD MACHINING CENTER OF EXCELLENCE” acreditat in 2002 cu Certificat 45 CC-B-/14.05 2002 si recunoscut de LERMAB-Franta 2004, ENSAM Cluny-Franta, Teknica University ZVOLEN-Slovakia, IVALSA Trento-Italia 2006, TC Stokholm-Suedia 2008	<b>Director</b>	2002- prezent
Grant <b>CNCSIS 1339/2004</b> REȚEA DE EXCELENȚA ȘTIINȚIFICĂ PENTRU INDUSTRIA LEMNULUI DIN ROMANIA IN CONTEXTUL INTEGRĂRII TĂRII NOASTRE IN UE IN 2007	<b>Director grant</b>	2004-2007
Grant <b>LdV</b> Numar contract : RO/2005/95031/EX QUEST-M, SCHIMB DE COMPETENȚE PRIVIND MANAGEMENTUL CALITĂȚII ÎN ÎNVĂȚĂMÂNTUL SUPERIOR	<b>Membru grant</b>	2005-2007
Grant <b>CNCSIS 450/2006</b> ECO-CONCEPȚIE SI ECO-TEHNOLOGIE PENTRU MOBILIER SI ALTE PRODUSE REALIZATE PRIN MODELAREA, SIMULAREA SI STRUCTURAREA UNUI NOU MATERIAL OBTINUT DIN RESURSE NATURALE SECUNDARE.	<b>Membru grant</b>	2006-2008
Grant PROGRAMUL CERCETARE DE EXCELENȚA <b>CEEX</b> NR. 5980/15.09.2006 MODELE SI INDICATORI DE EVALUARE A CALITĂȚII CERCETĂRII ȘTIINȚIFICE IN UNIVERSITĂȚI IN CONTEXTUL SOCIETĂȚII BAZATE PE CUNOĂȘTERE (acronim CEREX )	<b>Responsabil grup proiect C2</b>	2006-2008
Grant <b>PNCD Sectoriale /2006</b> SISTEM INTEGRAT IN CLASELE DE DURABILITATE EUROPENE PENTRU PROTECTA LEMNULUI IN VEDEREA REDUCERII RISCURILOR DE POLUARE SI INFESTARE A MEDIULUI / PROLEMED	<b>Membru Responsabil UTbv</b>	2006-2008

AST-Romania Bucuresti-Coltea proiecte Cercetare terti 2006	<b>Director CC</b>	2006
PRINCO-GRUP SA Proiect consultanta	<b>Director CC</b>	2006
ARCH- UK 176/2006	<b>Membru CC</b>	2006
Grant <b>PN2-ID-146/2007</b> MODELE DE TESTAREA CONDITIILOR DE ADMISIBILITATE A PROCESELOR SI PRODUSELOR DIN INDUSTRIA LEMNULUI PE PIETELE EUROPENE, CU IMPACT DIRECT ASUPRA CALITATII MEDIULUI, IN CONTEXTUL DEZVOLTARII DURABILE	<b>Director grant</b>	2007-2010
24/2007 ARCH-TIMBER Ltd UK	Responsabil din partea CCSPL	2006-2009
Grant <b>CEEPUS - CII-SK-0310/2007-2010</b> "NON TRADITIONAL PROCESSES IN PRODUCTION TECHNOLOGIES AND INTEGRATION OF THE STUDY AND RESEARCH IN THE EASTERN AND CENTRAL EUROPE UNIVERSITIES	<b>Director Romania</b>	2007-2010
124/2009 ARCH-TIMBER Ltd UK	Responsabil din partea CCSPL	2009-2011
Grant bilateral Ro-Sk <b>Modelarea durabila a proceselor de burghierea lemnului cu impact asupra calitatii mediului si optimizarii proceselor ca perspectiva de utilizare in retele neurale</b> (Modelling in sustainable promotion like perspective using in neural network of wood drilling product and technology with impact on the environmental quality and process optimisation) PROPUNERE	<b>Director proiect</b>	2009-2010
Grant <b>FP7-ENV-2011-282741/2011</b> AKEMWOOD Advancing knowledge on the assessment, verification, testing and modelling of noise, dust and VOC emissions from wood processing to promote a sustainable management of the wood chain PROPUNERE 7,5p	<b>Co-ordinator propozel</b>	2011-2013
Grant bilateral Fr-Ro Cunostinte avansate, modelare i optimizare pe componentele structurale din lemn de noi produse ecologice realizate cu dibluri sudate de lemn, cu impact direct asupra mediului, în scopul de a promova dezvoltarea durabil <b>Advanced knowledge, Modelling and Optimization on Structural wood components, of new ECO-products made with Welded WOOD dowels, with direct impact on environment in order to promote sustainable development</b> propunere	<b>Director proiect</b>	2011-2014

#### 12.4 Brevete

-**BI** nr A00624/11-08-**2008** Procedeu modificat de determinare a emisiei de formaldehida din placi pe baza de lemn prin metoda flaconului in diferite variante de configuratii ale pachetului cu epruvete  
Title: [MODIFIED PROCESS FOR DETERMINING FORMALDEHYDE EMISSION FROM WOOD-BASED PLATES THROUGH THE FLASK METHOD IN VARIOUS CONFIGURATION VARIANTS FOR SPECIMEN PACK](#)

Patent Number(s): **RO125256-A0**

Assignee: UNIV BRASOV TRANSILVANIA

Inventor(s): **BADESCU L A**; DAVID K I; PETROVICI V, et al.

Derwent Primary Accession Number: 2010-J60082 [49]

-**BI** nr A00324/17-04-**2009** Procedeu modificat pentru stabilirea starii stabile a emisiei de formaldehida determinata prin metoda flaconului la placi pe baza de lemn

Title: [MODIFIED PROCESS FOR SETTING THE STABLE STATE OF FORMALDEHYDE EMISSION DETERMINED BY THE FLASK METHOD IN WOOD-BASED PANELS](#)

Patent Number(s): **RO125796-A2**

Assignee: UNIV BRASOV TRANSILVANIA

Inventor(s): PETROVICI V; **BADESCU L A**; URDEA S N, et al.

Derwent Primary Accession Number: 2010-P04462 [18]

#### 13. Membru al asociațiilor profesionale:

- Membru in AGIR-Romania,
- Membru in ASTIB-Franta,
- Membru in GUB-Franta,
- Membru in W3-COST-E35-UE
- Membru in MC-COSTE45-UE
- Membru ESF-PESC – Comisia de Fizica si Stiinte Ingineresti

- Membru AGRIFOODRESEARCH Organisation
- Comisia nationala de standardizare CT118

#### 14. Alte competențe:

- **Conducator Doctorat** in domeniul fundamental STIINTE INGINERESTI, domeniul de specializare Inginerie Industriala (7 doctoranzi cu frecventa, 5 doctoranzi fara frecventa in perioada 2005-2011)
- **Expert evaluator** RELANSIN, CNCSIS, CEEX, PN2

#### 15. Alte mențiuni

##### 15.1. Participari la activitati didactice in universități din țară și străinătate

###### **Profesor invitat:**

- Université Henry Poincaré Nancy France (2004) pentru prelegerile Enseignement -Recherches - industrie dans l'Est de L'Europe
- ENSAM-Cluny-France-2006 Centres de Recherches dans les domaines Bois -structure, organisation et fonctionnement
- Usinage Bois (Bazele aschierii lemnului) la Universite Henry Poincare Nancy I - Epinal-France
- Qualite la Ecole Nationale Superieure d'Arts et Metiers ENSAM Franta: Paris, Lyon, Dijon, Cluny

##### 15.2. Organizare de evenimente științifice (conferințe, workshop-uri, etc.) (in ultimii 5 ani)

- Conferinta Internationala Stiinta si Ingineria Lemnului in prag de mileniu III 16-17 nov 2000
- Conferinta Internationala Stiinta si Ingineria lemnului in mileniul III 16-17 nov 2001
- Conferinta internationala Wood Science and Engineering in the third Millennium 20-22 nov 2002
- Conferinta Nationala Stiinta si Ingineria lemnului in mileniul III 20-21 nov 2003
- workshop CCSPL iunie 2003 Procesul Bologna - implementare in invatamantul de specialitate din Romania
- Workshop martie 2004 Sequa-Hecht Germania- Laborator testarea preciziei panourilor
- Simpozion HAFELLE Accesorii utilizate in constructia mobilei martie 2004
- workshop CCSPL mai 2004 Pariso Franta, Garnica si SCM Group Italia-precizia in prelucrarea lemnului
- Workshop CCSPL 30 iunie-5 iulie 2004 „Procesul Bologna perspectiva imediata pentru invatamantul superior din Romania -aplicatie pentru industria lemnului -
- Conferinta internationala Wood Science and Engineering in the third Millennium 10-12 nov 2004, Brasov
- CONFERINȚA NAȚIONALĂ "CERCETARE -DEZVOLTARE IN DOMENIUL LEMNULUI" Bucuresti, 16-17 iunie 2005
- Workshop 2005 GTZ-Germania consultanta in industria lemnului
- Conferinta Nationala cu participare internationala "Stiinta si ingineria lemnului in mileniul III" (SIL-2005) 4-6 nov. 2005 Brasov
- Workshop CCSPL 8-9 dec 2006 Retea de excelenta stiintifica in Romania-Master specialisation - ENSAM Cluny Franta
- workshop CCSPL 8-10 febr 2007 Retea de excelenta stiintifica in Romania Master post doctorat bois ENSAM Cluny Franta
- workshop CCSPL lunar 2007
- Workshop CCSPL lunar 2008
- The 3rd International Scientific Conference FORTECHENVI 2008, Prague, Czech Republic, 26-30 May 2008
- SIXTH INTERNATIONAL CONFERENCE CHALLENGES in HIGHER EDUCATION and RESEARCH in 21<sup>st</sup> CENTURY June 4 - 7, 2008 Sozopol, Bulgaria
- Workshop CCSPL- **Dezvoltarea unor produse si tehnologii ecologice** Brasov, 7-10 iulie 2009
- Workshop CCSPL **"Dezvoltare durabila in industria lemnului"** Brasov,12-15 octombrie 2009 -
- Workshop CCSPL **"Protectia mediului industrial din domeniul industriei lemnului"** Brasov, noiembrie 2009 -
- Workshop CCSPL **"Modelari si optimizari procese in industria lemnului"** Brasov,2-4 iunie 2010 -
- Workshop CCSPL **"Ecotehnologii in industria lemnului** Brasov,7-9 septembrie 2010 -

- Workshop CCSPL "Modelarea sculelor si dispozitivelor pentru industria lemnului" Brasov,15-17 noiembrie 2010 –
- Workshop exploratoriu CCSPL NON TRADITIONAL PROCESSES IN PRODUCTION TECHNOLOGIES AND INTEGRATION OF THE STUDY AND RESEARCH IN THE EASTERN AND CENTRAL EUROPE UNIVERSITIES (TEMATICI: Emisiile de praf, factor nociv pentru sanatatea muncitorului din industria lemnului" Sudarea lemnului. Nanotehnologii in IL Brasov, 7-8 iulie 2011 –

## 16. Premii și distincții

- Diploma Jubiliara 50 ani de invatamant romanesc la Univ Transilvania din Brasov
- Diploma pentru activitatea de cercetare in 2005 la Univ Transilvania din Brasov
- Nominalizare Dictionarul Personalitatilor din Lume- Who's Who editie jubiliara USA 2000
- Nominalizare Dictionarul Personalitatilor din Romania- Who's Who in Romania editia 2001
- diploma de onoare –OMUL ZILEI- Eco-Europa 2011

## 17. Experiența managerială

### Experiența acumulată în alte programe naționale/internaționale:

Programul/Proiectul	Funcția	Perioada: de la...până la..
Conducerea Universitatii	Membru in Comisia Stiintifica a Senatului	2004-2006
Conducerea Universitatii	Membru in Comisia Didactica a Senatului	2004-2008
Conducerea Universitatii	Membru in Comisia CEAC a universitatii	2006-2008
Conducerea Universitatii	Membru in Consiliul Stiintific al Bibliotecii	2006-prezent
Conducerea facultatii IL	Secretar Stiintific Fac IL	2004-2006
Conducerea facultatii IL	Membru in Consiliul Fac IL	2000-prezent
Conducerea facultatii IL	Presedinte Comisia Stiintifica Facultatea IL	2004-2008
Conducerea facultatii IL	Coordonator general in Departamentul de management al proiectelor si programelor de cercetare	2005-prezent
Conducerea catedrei MIL	Adjunct sef catedra MIL	1996-2004
Conducerea catedrei MIL	Secretar Stiintific catedra MIL	1990-1996
MASTERAT	Coordonator Specializare Master Modelare si optimizare in IL	1999-2010
DOCTORAT	Conducator Doctorat	2005-prezent
LdV (Plasamentul pe piata muncii europene a tinerilor absolventi de invatamant superior in domeniul lemnului)	Coordonator proiect TRACOPPLACE RO/2000/xxxx-/PP CONS-S	2000-2002
Centrul de cercetare stiintifica prelucrarea lemnului Brasov	Director CCSPL CC-B-45/2002	2002-prezent
LdV (schimb de competente privind managementul calitatii in invatamantul superior)	Membru Responsabil cu Centrele de Cercetare RO/2005/95031/EX QUEST-M,	2005-2007
RELANSIN	Director proiect ce9 8995/2002	2002-2003
CNCSIS/ Centre de Cercetare Stiintifica nr 45/CC-B/ 14.05. 2002	Director CCSPL tip B	2002-prezent
CNCSIS grant tip A 1339/2007	Director proiect	2004-2007
CNCSIS grant tip A 450/2006	Membru in echipa de cercetare	2006-2008
Cercetare de EXCELENTA grant CEEEX 5980/2006	Responsabil obiective O2 si O5/ echipa Resurse umane	2006-2008
PN2_ID_146 Contract nr 284/2007	Director grant	2007-2010
CEEPUS CII-SK-0310-02-0910 "NON TRADITIONAL PROCESSES IN PRODUCTION TECHNOLOGIES AND INTEGRATION OF THE STUDY AND RESEARCH IN THE EASTERN AND CENTRAL EUROPE UNIVERSITIES	Director grant Romania	2008-2011

### **Specializări și calificări:**

- Certificat in Managementul Calitatii in invatamantul Superior Univ TRANSILVANIA din Brasov 2004
- Certificat in Auditul Calitatii Univ TRANSILVANIA din Brasov 2005
- Dezvoltare durabila Franta- Nancy-FRANTA 2004
- Usinage Bois- Cluny FRANTA 2003
- Développement propriétés du Bois- Epinal-FRANTA 2006
- Démarche Qualité –Cluny-FRANTA 2006
- Wood Process Measurement - 2005
- UTILIZAREA ECHIPAMENTELOR BRUEL and KJAER in 15-16 decembrie 2007 - certificat
- Measuring Systems for the Determination of Thermal and Structural Properties of Materials” Certificate eliberat de SARTOROM and NETZSCH in march, 2008
- Certificat “Modeling to sustainable promotion of wooden products and technologies with impacts on the environment quality” SP Technical Research Institute of Sweden , 24-29 march 2008

### **Promotor si coordonator de specializari la master**

- Masterat MODALARE SI OPTIMIZARE IN IL 1998-2010

### **Promotor și conducător al:**

- CCSPL Brasov (Centrul de Cercetare Stiintifica Prelucrarea Lemnului Brasov din 2002)
- Laboratorului de dispozitive pentru industria lemnului din 1992
- Laboratorului de Bazele aschierii lemnului din 1981
- Laboratorului de Reprezentare tangibila procese in IL, Informatica si Prototipuri - CCSPL din 2004
- Laborator pentru determinarea conținutului si a emisiei de formaldehida din produse pe baza de lemn (LFL) 2008

### **Membru al Comitetelor Științifice ale următoarelor publicații:**

- Buletinul Universitatii Transilvania din Brasov seria B
- Industria lemnului in mileniul III
- Proceesings Conferinte Internationale: ICWSE 2002, 2004, Romania, 6-me Seminaire Bois Franta, ICFEVT-Slovakia, FORTECHENVI-Cech Republik, CHER;5 si 6 Bulgaria

### **ADRESE SITE-uri PROIECTE BADESCU**

Proiect 1339/2004 <http://www.ccspl.ro/ro/research/results.html>

Proiect 450/2006 <http://www.ccspl.ro/eco-ig/project/proiect.html>

Proiect 146/2007 <http://www.ccspl.ro/ro/research/pn2id146.html>

Proiect CII-SK-0310/2008 CEEPUS [http://www.ceepus.info/network/network\\_main.aspx](http://www.ceepus.info/network/network_main.aspx)

**Declar pe propria răspundere că datele prezentate sunt în conformitate cu realitatea.**

Data completării: **2011**

Semnătura

