

Universitatea *Transilvania* din Braşov  
 Facultatea Ştiinţa şi Ingineria Materialelor  
 Departamentul Ingineria Materialelor şi Sudură

Poz. postului 17  
 Disciplinele postului: Operaţii unitare în industria alimentară; Aparatură de măsură şi control; Metode şi procedee tehnologice.

## FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UNIVERSITĂŢII a postului Sef lucrări , poziţia 17

aprobat prin Decizia rectorului, nr.7340 din 04.06.2015

Candidat: Lupu Mirabela Ioana      Data naşterii 07.10.1983

Funcţia actuală: Postdoctorand şi cadru didactic asociat la Universitatea Transilvania Braşov, Facultatea de Alimentaţie şi Turism

### 1. Studii universitare (licenţă şi masterat)

Nr. crt.	Instituţia de învăţământ superior şi facultatea	Domeniul	Perioada	Titlul acordat
1	Universitatea “Transilvania” Braşov, Facultatea de Inginerie Mecanică	Inginerie Mecanică	2002-2007	Inginer diplomat
2	Universităţii „Lucian Blaga” Sibiu, Facultatea de Ştiinţe Agricole, Industrie Alimentară şi Protecţia Mediului	Ingineria Produselor Alimentare	2007-2011	Inginer
3	Universitatea “Transilvania” Braşov, Facultatea de Alimentaţie şi Turism	Inginerie şi Management in Agroturism	2007-2009	Diplomă de Master

### 2. Studii de doctorat

Nr. crt.	Instituţia organizatoare de doctorat	Domeniul	Perioada	Titlul ştiinţific acordat
1	Universitatea “Transilvania” Braşov, Facultatea de Alimentaţie şi Turism	Inginerie Mecanică	2008-2011	Doctor

### 3. Studii şi burse postdoctorale (stagii de cel puţin 6 luni)

Nr. crt.	Instituţia	Domeniul/ Specializarea	Perioada	Tipul de bursă
1	Universitatea “Transilvania” Braşov, Facultatea de Alimentaţie şi Turism	Inginerie Mecanică	2014- prezent	POS DRU/159/1.5/S/134378

### 4. Realizările profesional-ştiinţifice

Calitatea activităţilor didactice/ profesionale	Din Fişa de evaluare şi din Propunerea de dezvoltare a carierei universitare
Lucrări publicate în reviste de specialitate recunoscute naţional internaţional	<b>Lucrări BDI</b> 1. V. Padureanu, <b>M. Lupu</b> , V. Steriu, Theoretical researches concerning the process of crushing wheat grains using the finite elements method, Bulletin of the <i>Transilvania</i> University of Braşov, Series II: Forestry • Wood Industry • Agricultural

	<p>Food Engineering • Vol. 6 (55) No.1 – 2013.</p> <p>2. Canja, C.M., Lupu, M., Taulea, G., The Influence of Kneading Time on Bread Dough Quality, Bulletin of the <i>Transilvania</i> University of Braşov, Series II: Forestry • Wood Industry • Agricultural Food Engineering • Vol. 7 (56) No.1 – 2014.</p> <p>3. Lupu, M., Padureanu, V., Canja, C.M., Wheat Resistance Analysis on the Subject of Energy Consumption in the Grinding Process, Bulletin of the <i>Transilvania</i> University of Braşov, Series II: Forestry • Wood Industry • Agricultural Food Engineering • Vol. 7 (56) No.2 – 2014.</p> <p>4. Canja, C.M., Lupu, M.I., Mazarel, A., Padureanu, V., The Effect on Salt Added to the Dough Rheological Properties, Bulletin of the <i>Transilvania</i> University of Braşov, Series II: Forestry • Wood Industry • Agricultural Food Engineering • Vol. 8 (57) No.1 – 2015.</p> <p>5. Lupu, M.I., Padureanu, V.I., Canja, C.M., The Influence of Speed Compression on the Maize Grinding Process of that and Quality of White Bread., Bulletin of the <i>Transilvania</i> University of Braşov, Series II: Forestry • Wood Industry • Agricultural Food Engineering • Vol. 8 (57) No.1 – 2015.</p> <p><b>Lucrări ISI</b></p> <p>6. Jegatheswaran RATNASINGAM, Geetha RAMASAMY, Weiching TOONG, Florin IORAS, Cristina Maria CANJA, Mirabela Ioana LUPU, Ioan Vasile ABRUDAN, Carbon Stocking in the Natural Forests – The Case of Malaysia, <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i>, Vol. 43, No 1, pg. 278-286, (2015).</p> <p>7. M. Lupu, V. Pădureanu, V. Steriu, Finite element modeling of raw materials milling used in food industry, <i>Advanced Materials Research, Scientific.Net, Trans Tech Publications</i>, 2015.</p>
Lucrări prezentate la conferințe naționale/ internaționale în profilul postului	<p>1. Mirabela I. Lupu – Theoretical and experimental research on the crushing resistance of wheat used in baking industry. Proceedings of the Second International Conference Research People and Actual Tasks on Multidisciplinary Sciences, Lozenec, Bulgaria 10 – 12 June, 2009,</p>

	<p>vol.2, pg. 6,ISSN13137735,  <a href="http://conf.bionetsyst.com/?page=last">http://conf.bionetsyst.com/?page=last</a></p> <p>2. V. Pădureanu, M. I. Lupu – Theoretical Researches into beer Pasteurization. Proceedings of the Second International Conference Research People and Actual Tasks on Multidisciplinary Sciences, Lozenec, Bulgaria 10 – 12 June, vol. 2, 2009, pg. 92, ISSN 1313-7735; <a href="http://conf.bionetsyst.com/?page=last">http://conf.bionetsyst.com/?page=last</a></p> <p>3. V. Pădureanu, M. I. Lupu – Theoretical research on the dynamics of the tractor – blade of intermediary step. Proceedings of The 13<sup>th</sup>International Conference Modern Technologies, Quality and Innovation, 21-23 May, 2009, Iași, România, pg. 467, ISSN: 2066 – 3919., <a href="http://modtech.ro/">http://modtech.ro/</a></p> <p>4. M. Lupu, F. Rus – The influence of the humidity on grain grinding process. Proceeding of the International Conference BIOATLAS 2010 Transilvania University of Brasov, Romania, pg. 87, ISBN 978-973-598-719-0, <a href="http://www2.unitbv.ro/at/bioatlas/proceeding.html">http://www2.unitbv.ro/at/bioatlas/proceeding.html</a></p> <p>5. M. Lupu, C. Canja, F. Rus – The particle size analysis of mais grist, 3<sup>rd</sup> International Conference "Advanced Composite Materials Engineering "COMAT 2010 27- 29 October 2010, Brasov, Romania, pg. 123, ISSN 1844-9336, <a href="http://conat.unitbv.ro/">http://conat.unitbv.ro/</a></p> <p>6. M. Lupu, V. Padureanu - Physical properties of cereal grain, 3<sup>rd</sup> International Conference "Advanced Composite Materials Engineering "COMAT 2010 27- 29 October 2010, Brasov, Romania, pg.127, ISSN 1844-9336, <a href="http://conat.unitbv.ro/">http://conat.unitbv.ro/</a></p> <p>7. M. Lupu, V. Padureanu – Studies regarding the particle size of wheat grist using optical diffraction, Proceeding on Research people and actual tasks on multidisciplinary sciences, 8 – 10 june 2011, Lozenec, Bulgaria, pg. 120 ISSN 1313-7735, <a href="http://multilingual.bionetsyst.com/images/other/2011_Volume_2.pdf">http://multilingual.bionetsyst.com/images/other/2011_Volume_2.pdf</a></p> <p>8. M. Lupu, V. Pădureanu, Thermal treatments of convenience products, Proceeding on Research people and actual</p>
--	--

	<p>tasks on multidisciplinary sciences, 12-16 june 2013, Lozenec, Bulgaria, ISSN 1313-7735,  <a href="http://multilingual.bionetsyst.com/images/other/2013_Volume_1.pdf">http://multilingual.bionetsyst.com/images/other/2013_Volume_1.pdf</a></p> <p>9. M. Lupu, V. Padureanu, The influence of the knife edge on the process of corn grains grinding, INMATEH – Agricultural Engineering, Bucuresti, 2013, <a href="http://www.inmateh.eu/index_rom.htm">http://www.inmateh.eu/index_rom.htm</a></p> <p>10. M. Lupu, V. Pădureanu, C.M. Canja, Research regarding rheological properties of cereal grains, Proceeding of the International Conference BIOATLAS 2014 Transilvania University of Brasov, Romania, ISBN 978-973-598-719-0. <a href="http://rosita.ro/jeat/archive/2_2014.pdf">http://rosita.ro/jeat/archive/2_2014.pdf</a></p> <p>11. Lupu M., Canja C. M., Pădureanu V., The analyze of the cereal grains mechanical properties, International Conference "Advanced Composite Materials Engineering "COMAT 2014, ISSN 1844-9336, <a href="https://sites.google.com/site/comat2014/home">https://sites.google.com/site/comat2014/home</a></p> <p>12. Lupu M., Canja C. M., Pădureanu V., Quality assessment of grinding operation, International Conference "Advanced Composite Materials Engineering "COMAT 2014, ISSN 1844-9336, <a href="https://sites.google.com/site/comat2014/home">https://sites.google.com/site/comat2014/home</a></p>
Volum(e) de specialitate publicat(e) în edituri recunoscute național	<p>1. Mirabela Lupu, Vasile Pădureanu, <i>Mărunțirea cerealelor</i>, Editura Universității Transilvania Brașov, 2012, ISBN 978-606-19-0175-3.</p> <p>2. Mirabela Lupu, Vasile Pădureanu, <i>Aparate de măsură și control - Îndrumar de laborator</i>, editura Lux Libris 2014, ISBN 978-973-131-306-1.</p>

**Director de departament,**  
**Prof. univ. dr. ing. Mircea Horia TIEREAN**



**Candidat,**  
**Dr. ing. Mirabela Ioana LUPU**

