

**PERSONAL INFORMATION**


**Motto:** *In character, in manner, in style, in all things, the supreme excellence is simplicity. Henry Wadsworth Longfellow (1807 - 1882)*

📍 Transilvania University of Brasov

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Sex Female | Date of birth 29/08/1983 | Nationality Romanian

**POSITION WITHIN THE PROJECT  
WORK EXPERIENCE**
**Researcher and tester in the field of materials**

2016 - present

**Associate Teacher**

Transilvania University of Brașov, Faculty of *Mechanical Engineering*, Politehnicii Street, Nr.1, 500024

*Competences in: Applied physics in mechanical engineering – laboratory and seminary;*

2009 - present

**Chief Editor and Founder**

Transilvania University of Brașov, *Creativity and Inventics*. Journal of the Doctoral School, Colina Universității, Nr.1, 500036; web site:

<http://www.unitbv.ro/creativitate/en.html>

*Initiating the idea of developing this publication in the field of creativity and inventics from academical area. Managerial activities; site web design și administrator; ideas for increased the visibility.*

2008 - 2015

**Scientific researcher**

Transilvania University of Brașov, Faculty of *Wood Engineering*, Colina Universității, Nr. 1, 500036

*Scientific research in field as: furniture design, applied chemistry, innovative products. The activities have contributed to the development of skills and abilities: planification, organization, synthesis and analysis, innovation, efficiency communication and more.*

2008 - 2009

**PhD. Student with teaching activity**

Transilvania University of Brașov, Faculty of *Wood Engineering*, Colina Universității, Nr. 1, 500036

*Competences in: Furniture Tchnology– project; Furniture Design– project; Styles and Ornaments for Wooden Products – laboratory; The design of devices – project.*

**EDUCATION AND TRAINING**

2014 -2015

**PostDoctoral Researcher – Manager of research project**

Transilvania University of Brașov, Faculty of *Wood Engineering*, Colina Universității, Nr.1, 500036

*Competences: wood welding, biophysics, innovative products, design.*

2011 - 2013

**Master Student – graduation 10**
**Specialization: Integrated information systems for Business**

Transilvania University of Brașov, Faculty of *Economic Sciences and Business Administration*; University in Prešov – Slovakia, Faculty of *Management (Erasmus Grant)*

ERP integrated systems for business, Entrepreneurship and business strategy, Financial and managerial accounting, European economic policy and competitiveness, e-Business, Advanced

2011 - 2013

**Master Student – graduation 9**

**Specialization: eBusiness**

Technical University of Cluj-Napoca, Constantin Daicoviciu, nr. 15, 400020 – Pilot master program

Project Management, Management of databases, Digital technologies for marketing, Platforms for e-Activities, Electronic commerce, Entrepreneurship and digital innovation for business.

2007- 2012

**Doctor (qualified: excellent)**

**Fundamental field: Engineering Science; Field: Industrial engineering**

[www.unitbv.ro/Portals/31/Sustineri de doctorat/Confirmari 2012/6508 din 19.12.2012.pdf](http://www.unitbv.ro/Portals/31/Sustineri de doctorat/Confirmari 2012/6508 din 19.12.2012.pdf)

## PERSONAL SKILLS

Mother tongue(s) Other language(s)	Romanian				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C2	C1	C2
	Replace with name of language certificate. Enter level if known.				
Spanish	A2	A1	A2	A2	A1
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Organizational,  
managerial and  
communicational skills

2004 - 2010: **Member to the Mediateca Norbert Detaeye** (Cultural Center, Transilvania University of Brasov – voluntary activity)

**Responsibilities:** Initiation and organization of group cultural activities such as: evening music, movie evening. Discussions with participants on the topics established. Promoting the activities proposed by periodic announcements. Skills: ability to perform team work, orientation to continuous development and lifelong learning, ability to perform individual tasks.

2004 - 2010: **Member in organization team** of annual Festival *Ethno-medieval Etnovember*, Transilvania University of Brasov, România.

2008 - present: **Organizer and member evaluator** – for 20 National Scientific Conferences of the Doctoral School, Creativity and Inventions Section, Braşov, România.

February 2016: **Organizer and member evaluator** – for CIM, Session of Communication in Science, in collaboration with College Dr. Ioan Meşotă.

**Responsibilities:** Planification program, discussions with participants, coordination organizational activities, attracting sponsorship funds, presentation evaluation, promoting the event.

Digital competence

### SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Levels: Basic user - Independent user - Proficient user [Digital competences - Self-assessment grid](#).

Job-related skills

Team spirit, responsibility, honesty.

**Design 2D și 3D:** ACAD 2007, Mechanical Desktop- skills acquired in the university studies of long term (licence); Solid Works 2015 –individual skills acquired – high level;

**Programming language:** Delphi, Autolisp – skills acquired in the university studies of long term (licence), medium level; ABAQUS 6.10 – individual skills acquired, medium level; Visual Basic – individual skills acquired, medium level; MATLAB 2016 - individual skills acquired, beginner;

**Web design:** HTML – individual skills acquired, medium level; web Platforms;

**Graphics and data processing:** Photoshop, Corel Draw, Data Fit, SPSS Clementine and others – individual skills acquired.

**ERP systems:** SAP, SocrateOpen – skills acquired in the university studies of master;

**Design/creations:**

2005-2006 designer of product Dream Keeper and presented to the exhibition which was held in Zurich, Switzerland.

2010 Member in *Dance Academy* – intermediate level of competence;

2011 designer of *KonaHandlife* product –creation, awarded by Association of Furniture Producers in Romania (APMR), Bucharest, Romania.

2015 designer of *Flyway* product – creation and prototype, awarded by Association of Furniture Producers in Romania (APMR), Bucharest, Romania.

2015 designer of *ThinkinMirror* product – creation and prototype, awarded by Kronospan Romania.

**ADDITIONAL INFORMATION**

1. **DUMITRAȘCU R. E.**, BĂDESCU L.A.M. (2009) *Analysis of two properties of juvenile stem of white cedar in order to use it for to obtain eco-structures of panel type*, in Annals of DAAAM International, Viena, Austria, pg.1915, ISSN 1726-9679, ISBN 978-3-901509-70-44 **Proof:**[http://connection.ebscohost.com/c/articles/47081451/analysis-two\\_properties-juvenile-stem-white-cedar-order-use-obtain-eco-structures-panel-type](http://connection.ebscohost.com/c/articles/47081451/analysis-two_properties-juvenile-stem-white-cedar-order-use-obtain-eco-structures-panel-type)
2. **DUMITRAȘCU R. E.**, BĂDESCU L.A.M. (2010) *Eco-structures of panel type and timber obtained from young stem resulted from forest thinning*, 2 pg. In Annals of DAAAM International, Zadar, Croația, pg. 0631, ISSN 1726-9679, ISBN 978-3-901509-735. **Proof:**[http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings\\_2010/22260\\_Annals\\_1\\_head.pdf](http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2010/22260_Annals_1_head.pdf)
3. Bădescu L.A.M., **DUMITRAȘCU R. E.** (2013) *Static bending strength and modulus of elasticity in static bending along the height of beech wood (Fagus Sylvatica L.) obtained from forest thinning*, published in Mathematics and Computers in Science and Engineering, series 8, ISSN: 2227-4588 ISBN: 978-1-61804-165-4, pag 26-31 Cambridge, UK. **Proof:** <http://www.wseas.org/multimedia/books/2013/CambridgeUK/STUPEME.pdf>
4. **DUMITRAȘCU R. E.**, Bădescu L.A.M. (2013) *Density influence on static bending strength to DSP panels, from juvenile wood, Fagus Sylvatica (L.) and Abies Alba (Mill) combination* published in Mathematics and Computers in Science and Engineering, series 5, ISSN: 2227-4588 ISBN: 978-1-61804-165-4, pag 26-31 Cambridge, UK. **Proof:** <http://www.wseas.org/multimedia/books/2013/CambridgeUK/STUPEME.pdf>
6. GURĂU, L., TIMAR, M.C., CIONCA M., OLARESCU A., **DUMITRAȘCU R. E.** (2010) *An objective method to analyse some macroscopic characteristics of two secondary beech wood resources*, In ProLigno - Scientific Journal in field of wood engineering, Vol. 6, Nr.1, ISSN 2069-7430/ISSN-L 1841-4737 **Proof:**<http://www.proligno.ro/en/articles/2010/1/paper3.htm>
7. **Ramona Elena DUMITRAȘCU** (2015) *Adhesive-Free Wood Joints – Part I: Sessile Oak Wood (Quercus petraea L.)*, ProLigno Journal, Vol. 11, Nr.3, 2015. **Proof:** <http://www.proligno.ro/en/articles/2015/201503.htm>

Projects

*2 as **Project Leader**, 7 as **Member in team of research**, 2 proposals*

Courses and  
Certifications

**2009** – Postgraduate course of improvement: [Integrated Management Quality – Risk](#) in field ISO 9001:2008, ISO 17025:2005, OHSAS 18001:2007, Braşov, Romania.

**2011** - Postgraduate course of improvement: [Project Manager](#), Braşov, Romania

**2011** - Postgraduate course of improvement: [Business Plan – How to plan a business in changing times](#), Braşov, România.

**2011** - Postgraduate course of improvement: [Entrepreneurship – from innovation to success](#), Braşov, Romania.

*...because every moment in life is unique!*

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