

Personal data

Family name Campean
First name Mihaela

Date of birth 06.10.1969

Teaching title: Professor
Scientific title: PhD
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Studies

1984 - 1988 "J. Honterus" Highschool, Brasov
1988 – 1993 *TRANSILVANIA* University of Brasov, Faculty of Wood Industry
Study programme: Wood Processing
2002 PhD in the field Engineering Sciences, PhD thesis on wood drying

Professional experience

1994-1996 Tutor
TRANSILVANIA University of Brasov, Faculty of Mechanics
1996-2000 Assistant
TRANSILVANIA University of Brasov, Faculty of Wood Industry
2000-2003 Lecturer
TRANSILVANIA University of Brasov, Faculty of Wood Industry
2003 - 2007 Associate Professor,
TRANSILVANIA University of Brasov, Faculty of Wood Industry
2007 - present Professor,
TRANSILVANIA University of Brasov, Faculty of Wood Engineering
2009 - present PhD supervisor in the field of Forestry Engineering
TRANSILVANIA University of Brasov, Faculty of Wood Engineering

Managerial experience

2011 - present Head of Department, Wood Engineering Faculty in Brasov
2005 - present Editor-in-chief PRO LIGNO Journal, indexed by international databases: EBSCO Academic Search Complete, DOAJ and CABI.

Publications (selection) h-index in Web of Science: 4

Szmutku, MB, **Câmpean, M.**, Nemeth, R. Bedeleian, B (2015) - Energy consumption in drying of frozen spruce wood. *Environmental Engineering and Management Journal* 14(9): 2177-2184

Olărescu, C.M, **Câmpean, M.**, Coșereanu, C (2015) - Thermal conductivity of solid wood panels made from heat-treated spruce and lime wood strips. *PRO LIGNO* 11(4): 377-382

Olărescu, C., **Câmpean, M.**, Olărescu, A. (2014) - Dimensional stabilization of wood originating from small-diameter trees through heat treatment. *BioResources* 9(3):4844-4861

Olărescu, C., **Câmpean, M.**, Ispas, M., Cosereanu, C. (2014) - Effect of thermal treatment on some properties of lime wood. *Eur J of Wood and Wood Products* 72(4):559-562

Szmutku, MB, **Câmpean, M.**, Bedeleian, B. (2013) - Upon the Drying of Frozen Timber. *PRO LIGNO* 9(4):700-708

Olărescu, CM, **Câmpean, M.**, Porojan, M. (2013) - Effect of heat treatment upon the compression strength of black pine and spruce – a comparison between wood originating from mature trees vs. thinnings. *PRO LIGNO* 9(2):50-61

Szmutku, MB., **Câmpean, M.**, Porojan, M. (2013) - Strength reduction of spruce wood through slow freezing. *European Journal of Wood and Wood Products* 71(2):205-210

Tuduce, A., Timar, M.C., **Campean, M.**, Croitoru, C., Sandu, I. (2012) - Paraloid B72 versus Paraloid B72 with nano ZnO additive as consolidants for frail wood. *Materiale plastice* 49(4):293-300

Gurau, L., **Campean, M.**, Olărescu, A., Porojan, M., Marton, N. (2012) - The effect of the heat treatment of Sessile oak wood (*Quercus petraea* L) from young trees on the properties of panels with transversal grain. *PRO LIGNO* 8(2):53-67

Campean, M., Marinescu, I.(2011) - Solar systems for wood drying. *Environmental Engineering and Management Journal* Vol. 10(8): 1069-1076

Budau, G., **Campean, M.**, Cosereanu, C., Lica, D. (2011) - REED - Plant biomass - as renewable and low-polluting energy resource. *Environmental Engineering and Management Journal* Vol. 10(8): 1053-1058

Szmutku, B., **Campean, M.**, Porojan, M., Sandu, A.V. (2011) - SEM applications for the study of modifications in wood cell membrane. *Journal of Int. Science Publications: Materials, Methods and Technologies* Vol. 5 Part 1: 363-374

Tuduce, A., Timar, M.C., Sandu, A.V., **Campean, M.** (2011) - Influence of two cold immersion treatments upon the consolidant uptake and its distribution into the wooden structure. *Journal of Int. Science Publications: Materials, Methods and Technologies* Vol. 5 Part 2: 201-212

Câmpean, M. (2010) - Timber Drying Methods – Passing Through History into the Future. Keynote Address. In: Proc of 11th International IUFRO Wood Drying Conference – Skelleftea (Sweden), pp. 3-16.

Câmpean, M., Ispas, M., Porojan, M. (2008) - Considerations Upon Drying Frozen Spruce Wood and Effects Upon Its Properties. In: *Drying Technology*, Vol.26, Nr.5, May 2008, pp. 596-601, ISSN 1532-2300.

Câmpean, M., Marinescu, I., Ispas, M. (2007) - Influence of Drying Temperature Upon Some Mechanical Properties of Beech Wood. In: Holz als Roh- und Werkstoff, Vol.65 Nr.6, Decembrie 2007, pp. 443-448

Câmpean, M., Fortin, Y., Marinescu, I. (2007) - Fast Drying Methods. In: PRO LIGNO, Vol.3, Nr.1, March 2007, pp. 21-32

Câmpean, M. (2005) – Heat Treatments of Wood. Editura Universității “Transilvania” Brașov, ISBN 973-606-X.

Supplementary specializations

- Certificate in Advanced English, Cambridge University, 2002
- CAD Solid Works, Brașov, 2001
- Technical and Business English for Wood Industry, High-Wycombe (UK), 1998; 1999; 2000
- Français Technique et Economique pour l’Industrie du Bois, Nancy (France), 1998; 1999; 2000
- Modern wood drying technologies, Rosenheim (Germany), 1997

Fields of competence

Wood Engineering - Wood drying and other thermal treatments applied in wood industry
Materials Science - Wood

Other activities

- 2005-2015 IUFRO Officeholder – deputy coordinator of IUFRO Sub-Division 05.04.00 Wood Processing Unit
- 2011 – coordinator of ICWSE 2011 international conference
- 2003 – coordinator of IUFRO-WDC 8 international conference

Foreign languages

English-very good
German-very good
French – good

Prof.dr.eng. Mihaela CAMPEAN

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