

Personal data

Teaching title: Professor
Scientific title: PhD

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Studies

1980 - 1984 High School of Mathematics and Physics, Zalău
1985 – 1990 *TRANSILVANIA* University of Braşov, Faculty of Wood Industry
Study programme: Technological Equipment for the Wood Industry
2000 PhD in the field Engineering Sciences, PhD thesis focused on the
woodworking machines

Professional experience

1990-1993 Tutor
TRANSILVANIA University of Braşov, Faculty of Mechanics
1993-1996 Assistant
TRANSILVANIA University of Braşov, Faculty of Wood Industry
1996-2001 Lecturer
TRANSILVANIA University of Braşov, Faculty of Wood Industry
2001 - 2004 Associate Professor,
TRANSILVANIA University of Braşov, Faculty of Wood Industry
2004 - present Professor,
TRANSILVANIA University of Braşov, Faculty of Wood Engineering

Publications (selection)

Ispas, M. (2004) – Machines and Units for Woodworking. Editura Universităţii
“Transilvania” din Braşov. ISBN 973-635-291-9

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, ISSN 0018-3768 (print), e-ISSN1436-736X. Revista ISI. Link:
<http://www.springerlink.com/content/h0163g50200pj128/>

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, Mai 2008, pp.
596-601, ISSN 1532-2300. Revista ISI. Link:
<http://www.deepdyve.com/browse/journals/drying-technology/2008/v26/i5>

Ispas, M., Câmpean, M. (2008) – Research concerning the workability by sawing of frozen
and unfrozen spruce wood. In: PROLIGNO (ISSN 1841-4737), vol.4, nr.2, Iunie 2008.

Ispas, M. (2010) – Upon the Workability by Sawing of Frozen and Unfrozen Oak Wood. In:
PROLIGNO (ISSN 1841-4737), vol.6, nr.3, Septembrie 2010.

Ispas, M. (2013) – Experimental Investigations on Swelling Pressure of Natural and Heat-Treated Ash Wood. Bulletin of the Transilvania University of Braşov, Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 6 (55), No.1.

Ispas, M., Gurău, L., Răcăşan, S. (2014) – Study regarding the variation of the thrust force, torque and surface delamination with the feed per tooth and tool tip angle at drilling pre-laminated particleboard. In: PRO LIGNO, Volume 10, Issue 4.

h-index in Web of Science: 2

Research projects

Program / Project	Position	Period
International structural development project, Leonardo da Vinci, LdV nr. RO/01/B/C/PP.141047 „AUTOQUALITE – L’assurance de la qualite totale dans les entreprises europeennes d’ameublement par la formation des ouvriers a l’autoqualite”	Member in the Management Committe	2002-2004
International research project FPS COST Action E35 „Fracture mechanics and micromechanics of wood and wood composites with regard to wood machining”	Member in the Management Committe	2005-2008
Research contract no. 8743 / 07.24.2015 with the company Holzindustrie Schweighofer BACO srl, Comăneşti	Director	2015-2016

Supplementary specializations

- CNC machines, Epinal (France), 1996.
- Technical and Business English for Wood Industry, High-Wycombe (UK), 1998; 1999; 2000.
- Francais Technique et Economique pour l’Industrie du Bois, Nancy (France), 1998; 1999; 2000.
- Analysis by Finite Element Method, Braşov, 2001.

Fields of competence

Wood Science, Mechanical Wood Processing, Machine Tools, Wood Constructions, Research methods, Finite Element Method, Wood Technologies.

Other activities

- Manager of a private company 2002-2008 (wood constructions design).
- Editor of PRO LIGNO Journal, the only Romanian scientific journal in the field of Wood Engineering, recognised by CNCSIS with rank B+, indexed by international databases: EBSCO Academic Search Complete, DOAJ and CABI.

Foreign languages

French – very good
English – good

Prof.dr.eng. Mihai ISPAS

30.03.2016