

CURRICULUM VITAE

Name: Csilla Mária Csiha

Place and date of birth: Kolozsvár, 18.09.1970

Business Address:

University of West Hungary
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Education and training:

- 1989 A level – Lyceum of Physics and Mathematics, Csíkszereda
- 1994 University of Forestry and Wood Sciences, Sopron, Hungary
- 2003-2007 University of West Hungary, Sopron

Qualifications:

Wood Engineer, Teacher in Higher Education, Researcher on surface quality, wood quality and VOC emissions

Degrees:

- PhD in Wood-technology and wood sciences, University of West Hungary, Sopron (2003)
- Master of Science (Hons), in Wood Engineering, University of Forestry and Wood Sciences, Sopron (1994)

Languages speaking & writing:

- Hungarian
- English
- Romanian
- German
- Italian

International field trips, scholarships:

1993 scholarship at Buckinghamshire Chilterns University College, High Wycombe
1996 scholarship at Albert-Ludwig's Universität Freiburg

Work experience:

- 2006- to date Associate professor at University of West Hungary, Institute of Technology and Product Design
- 2001-2006 Assistant professor at University of West Hungary, Institute of Technology and Product Design
- 1997-2001 Assistant lecturer at University of West Hungary, Institute of Technology and Product Design

Research fields:

Include analyzing wood surface roughness of large-porous wood species, surface finishing and bonding of wood, surface coating and gluing of industrial materials, gluing technologies for paper, glass and textile industry, theory and practice of adhesive and non-adhesive bonding of wood.

Relevant Publications:

- Csiha, Cs. (1998): Comparative analysis of wood surface coating technologies by means of KIPA method
- Krisch, J. – Csiha, Cs. (2000): Analyzing wood surface roughness – using an S3P Perthometer and computer based data processing, *Badania dla meblarstwa XIII*, Poznan, pp. 145-155, 2000
- Csiha, Cs. - Krisch, J. (2000): Vessel filtration – a method for analysing wood surface roughness of large porous species, *Drevarsky Vyskum* 45(1): 13-22, 2000
- Alpár, T. Csiha, Cs. Magoss, E. (2004): Surface roughness profile filtering (Curve Cutter), COST E 35 Okt. 29-30 Conference proceedings, p 46-48, Cluny, France
- Csiha Cs. (2004): Measurement of wood surface roughness of big porous species. COST E18 Coatings on wood, Symposium on measurement methods, Coating Consultancy Proceedings, Copenhagen
- Csiha, Cs. (2004): Roughness measuring of Wooden surfaces – New valuation criteria: Internationale Fachtagung Dresden 11-13 Mai 2004, *Werkstoffe und Verfahren für Möbelfertigung und Innenausbau*. p. 235-240

Selected Presentations:

- Csiha Cs. (2004): Measurement of wood surface roughness of big porous species. COST E18 Coatings on wood, Symposium on measurement methods, Coating Consultancy Proceedings, Copenhagen
- Csiha Cs.: Surface characteristics of two main large porous species of Hungary. *Hardwood Research and Utilization in Europe – New Challenges*, 6 September 2005, Conference Proceedings, p 30-34, Sopron, Hungary

Research projects for industrial partners:

- Relation between wood quality and growth conditions for pine and poplar from Hungarian Great Plain plantations. OTKA, Department of Wood Science (1994-1997)
- High quality products from Black Locust, OTKA, TGYI – University of Zvolen (1998-1999)
- Development of competitive furniture family using traditional surface treatment, manual coat applying techniques, and ageing technologies. OTKA – Hubertusz Ltd (1999-2000)
- Qualifying system for wood coatings, evaluation and testing. NKFP, (1999-2001)
- Development of indoor products on Hungarian wood resources to fulfill VOC regulations (experiments on gluing, bonding, color homogenization and lacquer coating), NKFP, TGYI (2002-2003)
- Development of outdoor furniture family with special attention on color homogenization problem. (2002-2003) NKFP, TGYI
- Possibilities of environment friendly wood adhesive production, to reduce environment pollution by VOC 2004, (Henkel)
- Examination of sweat resistance of sudden water based lacquer film coats (2007, Henelit)
- Surface roughness measurements of sawn wood surfaces to improve the sawing tool quality (development of a new type of sawing blade) (2007, RET)

- Examination of stained and lacquered kitchen front elements in order to deliver reasons of open pores and color defects (2007) Swedwood
- Technology to improve color homogeneity for inhomogeneous stock (2007) Swedwood
- Adhesion test for mounted paper foils, examination of technology and materials to improve quality 2008 Henkel, Szinkron Ltd

Other:

Membership in National and International Professional and Scientific Societies:

2002- to date

Member at Hungarian Scientific Academy in Committee of Wood Sciences

1998-2004

Management Committee member in COST Action E 18 “High performance wood coatings”

2004- to date

Management Committee member in COST Action E 34 “Bonding of timber”

2004- to date

Lecturer for the Chamber of Industry and Trade – Sopron

Special:

2006 Translator for the “The Complete Guide to wood finishes” Mick Allen, Paul Carslake, Quarto Inc., London, 2006 (p. 1-185)