

PERSONAL INFORMATION

Csilla Mária Csiha

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Sex Female | Nationality Hungarian

WORK EXPERIENCE

1997 - onwards

University teacher: Associate professor with habilitation

University of Sopron, Hungary

- Timber Engineer, Teacher in Higher Education, Researcher on surface quality, wood quality and VOC emissions.
- During my studies, researches and cooperation I gained national and international experience in bonding of wood and industrial materials, surface treatment of indoor and outdoor wood products, in VOC emissions from coated and bonded wood products, in surface roughness investigation, surface analysis and surface technology, in standardisation.
- Beside university career, I spent more than 11 years in standardization and SME representation.
- MC member of two completed and one ongoing EU COST Action, and organizer of the international conference "Enhancing bondline performance" and the co-translator of the book "The Complete Guide to Wood Finishes" by Mick Allen.
- Coordinator of English language MSc at the Faculty of Wood Sciences.
- STSM in The Netherlands in successful experiments of green gluing Black Locust.
- I held scientific lectures in more than nine European countries presenting scientific results in the following fields: roughness of wood, surface energy / wettability of wood surface and adhesion, nano-surface treatment of wood in order to improve wetting, ulterior emissions from wood and wood based products.
- I was nominated member of the international scientific committee of two international conferences held in Poland, and member of the editorial board of the EJPAU scientific journal.
- At the 30th Jubilee Scientific Student Conference, my activities as a scientific supervisor of graduating students were acknowledged with a special prize.
- During the 22 years spent in higher education I was lecturer of more than 14 subjects.

Business or sector Public University

EDUCATION AND TRAINING

2013 Associate professor with habilitation
University of West Hungary

2003 PhD in wood science and wood technology
University of West Hungary

1994 MSc in Wood Science
University of Sopron, Hungary

PERSONAL SKILLS

Mother tongue Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	ÁNYB 1995 C2	ÁNYB 1995 C2	ÁNYB 1995 C2	ÁNYB 1995 C2	ÁNYB 1995 C2
Romanian	C2	C2	C2	C2	C2
German	A2	A2	A2	A2	A2

Italian A1 A1 A1 A1 A1

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

Communication skills ▪ Good communication skills gained through my experience as professor

Organisational / managerial skills good managerial skills gained as head of the Institute of Wood Based Products and Technologies, University of Sopron

Job-related skills ▪ **Excellent reporting and drafting skills**
▪ Excellent ability to adapt to multicultural environment. Great ability to adapt to work in a dynamic and changing environment

Digital skills

SELF-ASSESSMENT

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

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Selected publications

Benkreif Rami, Brahmi Fatima Zohra, Csiha Csilla: *Influence of moisture content on the contact angle and surface tension measured on birch wood surfaces*, EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS, 2021; doi:10.1007/s00107-021-01666-6
Forestry 46/149 (Q2)
DOI: <http://doi.org/10.1007/s00107-021-01666-6>

Lagaña R., Csiha C., Horváth N., Tolvaj L., Andor T., Kúdela J., Németh R., Kačík F., Ğ Urkovič J.: *Surface properties of thermally treated European beech wood studied by PeakForce Tapping atomic force microscopy and Fourier-transform infrared spectroscopy*, HOLZFORSCHUNG 75: (1) pp. 56-64., 2021; doi:10.1515/hf-2019-0146
Biomaterials 64/101 (Q3)
DOI: <http://doi.org/10.1515/hf-2019-0146>

Brahmi Fatima Zohra, Alpár Tibor, Horváth Péter György, Csiha Csilla: *Comparative analysis of wettability with fire retardants of Poplar (Populus cv. euramericana I214) and Scots pine (Pinus sylvestris)*, SURFACES AND INTERFACES 18: p. 100405., 2020; doi:10.1016/j.surfin.2019.100405
Surfaces, Coatings and Films 27/121 (Q1)
DOI: <http://doi.org/10.1016/j.surfin.2019.100405>

Jozef Kúdela, Rastislav Lagaña, Tomáš Andor, Csilla Csiha: *Variations in beech wood surface performance associated with prolonged heat treatment at 200 °C*, ACTA FACULTATIS XYOLOGIAE ZVOLEN: THE SCIENTIFIC JOURNAL OF THE FACULTY OF WOOD SCIENCES AND TECHNOLOGY 62: (1) pp. 5-17., 2020
Forestry 77/149 (Q3)

László Rábai, Norbert Horvath, Kánnár A., Csilla Csiha: *Study on the wettability of Pannónia poplar (P.x euramericana Pannónia) from two Hungarian plantations: Győr and Solt*, EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS 78: (5) pp. 1057-1060., 2020; doi:10.1007/s00107-020-01543-8
Forestry 46/149 (Q2)
DOI: <http://doi.org/10.1007/s00107-020-01543-8>

Papp Eva Annamaria; Csiha Csilla, Makk Adam Nandor, Hofmann Tamas, Csoka Levente: *Wettability of Wood Surface Layer Examined From Chemical Change Perspective*, COATINGS 10: (3) p. 257., 2020; doi:10.3390/coatings10030257
Materials Chemistry 111/283 (Q2)
DOI: <http://doi.org/10.3390/coatings10030257>

Presentations	<ul style="list-style-type: none"> -Valuation criteria of process analysis of surface treating technologies (2019) - Uniwersytet Przyrodniczy w Poznaniu -New results in coating adhesion (2018) Transylvania University - Brasso -New results in adhesion of adhesives to wood (2017) Technical University Zvoleni -Nonelectrolyte pretreatment of some wood species (2010) Georg-August University – Göttingen
Projects	<p>Selected National and international research projects:</p> <ul style="list-style-type: none"> - Surface roughness measurements of sawn wood surfaces to improve the sawing tool quality (development of a new type of sawing blade) (Hun) RET project(2007) - SK-HU-2013 – NewProject 2761: Effect of pretreatment on wood surface properties. Cross border cooperation (En) (2014 – 2015). - TÁMOP-4.2.1.B-09/1/KMR - Enhancing quality of higher education through research, development and innovation dissemination (Hun) (2011) - TÁMOP 4.1.2.D-12/1/KONV – Developing the foreign language education system in higher education (En) (2012) - OTKA 116216: Complex analysis of physico - mechanical and surface physical properties of low density wood species (2015- 2019)
Conference	<p>Scientific conferences organized as exclusive organizer:</p> <p>“Enhancing bondline performance” Final conference in COST E 34 Bonding of wood. International Conference (English), Sopron, Hungary 6th to 7th May 2008. Number of participants:121.</p> <p>2014 – Actualities in bonding of wood. Inno Lignum Conference (in Hungarian). 11th of September</p> <p>2015 – Actualities in indoor wood surface treatment. Inno Lignum (in Hungarian). 4th of September</p> <p>2016 – Actualities in non structural bonding of wood. Inno Lignum (in Hungarian). 9th of September</p> <p>2017 Actualities in outdoor wood surface treatment. Inno Lignum (in Hungarian). 8th of September</p> <p>2018 Actualities in bonding of wood for structural purposes. Inno Lignum (in Hungarian). 13th of September 2018</p>
Honours and awards	<p>Awards related to the teaching activity:</p> <ul style="list-style-type: none"> -Diploma on Merit for supervisory work (E. A. Papp) at the XXXth National Scientific Students' Associations Competition, Section of Agricultural Sciences (2012) -Diploma on Merit for supervisory work (M. Darai) at the XXXIst National Scientific Students' Associations Competition, Section of Agricultural Sciences (2013) -Diploma on Merit for supervisory work (J. Palla) at the XXXIth National Scientific Students' Associations Competition, Section of Agricultural Sciences (2013) -Diploma on Merit for supervisory and reviewer work XXXIth National Scientific Students' Associations Competition, Section of Agricultural Sciences (2013)
Membership	<p>National:</p> <p>2014 – date President of the Wood Science Committee of Committee of Scientist of Sopron</p> <p>2004- to date Lecturer for the Chamber of Industry and Trade – Sopron</p> <p>2000 – member of the Wood Science Committee of the Academic Committee Veszprem (VEAB)</p> <p>2003 – member of the Wood Science Committee of the Hungarian Science Academy</p> <p>2003 – member of the of Wood Science Committee of Committee of Scientist of Sopron</p> <p>International:</p> <p>1998-2004 Management Committee member in COST Action E 18-ban “High performance wood coatings”</p> <p>2004-2008 Management Committee member in COST Action E 34-ben “Bonding of timber”</p> <p>2011-2015 Management Committee member in COST Action FP 1006 “Bringing new functions to wood through surface modification”</p> <p>2011 A „The XXVth International Conference RESEARCH FOR FURNITURE INDUSTRY” Scientific Committee member</p> <p>2011 Member of the scientific editorial board of EJPAU (Electronic Journal of Polish Agricultural Universities)</p> <p>2012 Conference Scientific Committee member of „Research of Furniture Industry” Poznan University of Life Sciences, Department of Furniture Design</p> <p>2017. 05. 12 Member of the Habilitation Committee of Dr. Professor Marius Catalin Barbu. Transilvania University of Brasov.</p> <p>2018. Committee member at the Defense of Doctoral Thesis of Dipl. -Ing. Eugenia Mariana Tudor on 21st of August, 2018, Technical university of Zvolen</p>

- Courses**
- Surface treatment (Hun) – practice 1995-2000
 - Furniture structures (Hun) – practice 1997
 - Surface treatment and bonding 1 (BSc) (Hun)– practice 2000- 2004
 - Surface treatment and bonding 1 (BSc) (Hun)– theory 2000- 2004
 - Surface treatment and bonding 2 (MSc) (Hun)– practice 1998 – 2004
 - Surface treatment and bonding 2 (MSc) (Hun)– theory 1998 – 2004
 - Surface treatment and bonding (BSc) (Hun)– practice 2005- 2010
 - Surface treatment and bonding (BSc) (Hun)– theory 2005- 2010
 - Technology processes of surface treatment and bonding of wood- (Hun) practice 2004 - 2010
 - Technology processes of surface treatment and bonding of wood- (Hun) theory 2004 - 2010
 - Wood industry production technologies (with Dr. J. Süveg) (Hun)– theory 2000-2010
 - Door - window and furniture production 2 (Hun) – theory 2000 - 2010
 - Door - window and furniture production 2 (Hun) – practice 2000 - 2010
 - Product development and bonding – (shared Dr.L. Dénes) (Hun) – theory 2005 -2008
 - Product development and bonding – (shared Dr.L. Dénes) (Hun) – practice 2005 -2008
 - Independent labor (Hun/En) 2008- (...)
 - Physisc and mechanics of wood adhesion – theory - (Hun) (PhD) 2005 – (...)
 - Physisc and mechanics of wood adhesion – practice - (Hun) (PhD) 2005 – (...)
 - Surface treatment and bonding of industrial materials (Hun) – theory 2008 - (...)
 - Surface treatment and bonding of industrial materials (Hun)– practice 2008 - (...)
 - Bonding for light (paper, textile, leather etc.) industries (Hun)– practice 2008 – (...)
 - Bonding for light (paper, textile, leather etc.) industries (Hun)– theory 2008 – (...)
 - Surface treatment and bonding of wood 1 (Hun)– theory 2008 - 2011
 - Surface treatment and bonding of wood 1 (Hun)– practice 2008 - 2011
 - Surface treatment and bonding of wood 2 – theory 2008 - 2012
 - Surface treatment and bonding of wood 2 – practice 2008 - 2012
 - Surface treatment and bonding MSc (Hun)– theory 2010 – (...)
 - Surface treatment and bonding MSc (Hun)– practice 2010 – (...)
 - Specific wood technologies (Hun) – theory 2010 – (shared)
 - Specific wood technologies (Hun) – practice 2010 – (shared)
 - Furniture and furniture production technologies 2 (Hun) (Stud. at arts) – theory 2010 – (...)
 - Furniture and furniture production technologies 2 (Hun) (Stud. at arts) – practice 2010 – (...)
 - Introduction to plastics and their technologies (Hun) – theory 2010
 - Introduction to plastics and their technologies (Hun) – practice 2010
 - Experimental materials and technologies (Hun) – theory 2011
 - Material science (Hun)– theory 2011
 - Material science (Hun)– theory 2011
 - Contemporary furniture design (Hun) – theory 2012 – (...)
 - Contemporary furniture design (Hun) – theory 2012 – (...)
 - Courses taught in English:**
 - Surface treatment and bonding of wood (En) - (MSc) theory 2010 – (...)
 - Surface treatment and bonding of wood (En) - (MSc) practice 2010 – (...)
 - Surface treatment and bonding of industrial materials (En) – theory 2008 - (...)
 - Surface treatment and bonding of industrial materials (En) – practice 2008 - (...)
 - Introduction to plastics and their technologies (En) – theory 2010
 - Introduction to plastics and their technologies (En) – practice 2010
 - Courses for PhD students:**
 - Physisc and mechanics of wood adhesion – theory - (En) (PhD) 2005 – (...)
 - Physisc and mechanics of wood adhesion – practice - (En) (PhD) 2005 – (...)

Certification:

I, the undersigned, certify that to the best of my knowledge, these data correctly describe me, my qualifications and my experience.

CSILLA MÁRIA CSIHA

2022.02.28.

Name

Signature

Date