

PERSONAL INFORMATION

Csilla Mária CSIHA



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SHORT BIO

Presently head of the Institut of Wood Based Products and Technologies since 1 June, 2018, at Simonyi Károly Faculty of Technology, Wood Science and Arts. I work in my Institute as associate professor. I started my university studies in Brasso (Romania), at Faculty of Wood Engineering with the scope to become furniture designer. After completing the first year, I transferred to University of Sopron, Faculty of Wood Science, and graduated in 1994. After three years spent by attending lectures in the Doctoral School of the faculty I was offered an Assistant professor position by my supervisor. I defended my PhD work with the title “Surface roughness measuring of large porous wood species on P and R profiles” in 2003. I became Associate Professor in 2006. I did my habilitation in 2013. As result of my studies, my research is focused on wood surface as interface and quality related phenomena.

WORK EXPERIENCE

From 06/2018 until now

Head of the Institute

Institute of Wood Based Products and Technologies at University of Sopron, Simonyi Károly Faculty of Technology, Wood Science and Arts

www.uni-sopron.hu

- Activity: I am responsible for mapping out the direction of the Institute in research and education. We host four Departments and the Industrial Product Design Engineer specialization.

From 06/2006 until now

Associate professor

Institute of Wood Based Products and Technologies at University of Sopron, Simonyi Károly Faculty of Technology, Wood Science and Arts

Teaching activity: lecturing of a variety of subjects: Wood product development, Production technologies in wood industry, Surface treatment and bonding of wood, Furniture constructions and production technologies, Door and window production technologies, Specific wood technologies, Surface treatment and bonding of industrial materials, Introduction to plastics and their technologies, Contemporary furniture design, Material science, Physics and mechanics of adhesion, etc. Four lectures are frequently taught in English as well. I supervised diploma theses of more than 53 students for BSc, MSc and PhD students. I had the opportunity of coaching the PhD Theses preparation of four students, two of them reached the absolutorium, one defended her Theses in 2017 and one is in progress.

- Research:** I took part in several national and international research projects:
- 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- date)

From 2001 to 2006 **Lecturer**

Institute of Wood Based Products and Technologies at University of Sopron, Faculty of Wood Science

- **Teaching Activity:** lecturing a variety of subjects: Wood product development, Production technologies in wood industry, Surface treatment and bonding of wood, Furniture constructions and production technologies, Door and window production technologies, Specific wood technologies,

Research: I took part in several national research projects

- Qualifying system for wood coatings, evaluation and testing. (Hun) 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 (Hun) (2002-2003)
- Development of outdoor furniture family with special attention on color homogenization problem. (2002-2003) NKFP,

From 09.1997 to 2001 **Assistant Professor**

Institute of Wood Based Products and Technologies at University of Sopron, Faculty of Wood Science

- **Teaching Activity:** Furniture constructions and production technologies, Door and window production technologies,

Research: •I took part in the following national research projects:

- Relation between wood quality and growth conditions for pine and poplar from Hungarian Great Plain plantations. (Hun) OTKA, Department of Wood Science (1994-1997)
- High quality products from Black Locust. (Hun) OTKA, TGYI – University of Zvolen 1998-1999)•

EDUCATION AND TRAINING

- From 1989 to 1990 **Student at University of Brasov, Wood Industry Engineer**
- From 1990 to 1994 **Student at University of Sopron, Wood Industry Engineer**
- 1994 **MSc in Wood Sciences, Diplom Engineer,**
- 2003 **PhD in Wood Sciences and Wood Technology**
- 2013 **Habilitation**

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

Romanian	C2	C2	C2	C2	C2
English	C2	C2	C2	C2	C2
German	A2	A2	A2	A2	A2
Italian	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Computer skills

Proficiency use of the following software's:

- MS Office: Word, Excel, PowerPoint, Outlook
- Prezi

Scientific events organized as exclusive organizer

“Enhancing bondline performance” Final conference in COST E 34 Bonding of wood. International Conference, Sopron, Hungary 6th to 7th May 2008. Number of participants:121.
2014 – Actualities in bonding of wood. Inno Lignum Conference (in Hungarian). 11th of September 2014
2015 – Actualities in indoor wood surface treatment. Inno Lignum (in Hungarian). 4th of September 2015
2016 – Actualities in non structural bonding of wood. Inno Lignum (in Hungarian). 9th of September 2016
2017 Actualities in outdoor wood surface treatment. Inno Lignum (in Hungarian). 8th of September 2017
2018 Actualities in bonding of wood for structural purposes. Inno Lignum (in Hungarian). 13th of September 2018

Membership in professional organizations

National:

2000 – member of the Wood Science Committee of the Academic Committee Veszprem (VEAB)
2003 – member of the Wood Science Committee of the Hungarian Science Academy
2003 – member of the of Wood Science Committee of Committee of Scientist of Sopron
2004- to date Lecturer for the Chamber of Industry and Trade – Sopron
2014 – date President of the Wood Science Committee of Committee of Scientist of Sopron

International:

1998-2004 Management Committee member in COST Action E 18-ban “High performance wood coatings”
2004-2008 Management Committee member in COST Action E 34-ben “Bonding of timber”
2011-2015 Management Committee member in COST Action FP 1006 “Bringing new functions to wood through surface modification”
2011 A „The XXVth International Conference RESEARCH FOR FURNITURE INDUSTRY” Scientific Committee member
2011 Member of the scientific editorial board of EJPAU (Electronic Journal of Polish Agricultural Universities)
2012 Conference Scientific Committee member of „Research of Furniture Industry” Poznan University of Life Sciences, Department of Furniture Design
2017. 05. 12 Member of the Habilitation Committee of Dr. Professor Marius Catalin Barbu. Transilvania University of Brasov.
2018. Committee member at the Defense of Doctoral Thesis of Dipl. -Ing. Eugenia Mariana Tudor on 21st of August, 2018, Technical university of Zvolen

Member in Committees at the University of Sopron:

2006 – coordinator of the education in English at Faculty of Wood Science
2008 - Member of the Erasmus Education Committee at Faculty of Wood Science
2008-tól Member of the Committee of Education Quality Ensurance at Faculty of Wood Science
2009 – Local coordinator of the C III SK CEEPUS 0310-10
2009 – to date member of the Final Exam Committee at the Faculty of Wood Science

List of Awards related to teaching activity

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)

LIST OF FIVE RECENT SELECTED PUBLICATIONS

Zsolt, Molnár ; Endre, Magoss; Ingrid, Fuchs; Csilla, Csiha (2018): Stability of thermosmoothed and precision planed solid wood surfaces. EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS 76 : 1 pp. 243-249. , 7 p.

Papp, Eva Annamária; Csiha, Csilla (2017): Contact angle as function of surface roughness of different wood species. SURFACES AND INTERFACES 8 pp. 54-59. , 6 p.

Norbert, Horváth ; Csilla, Csiha (2016): Bondability of Beech Wood with One-component Polyurethane Structural Adhesive. ACTA SILVATICA ET LIGNARIA HUNGARICA: AN INTERNATIONAL JOURNAL IN FOREST, WOOD AND ENVIRONMENTAL SCIENCES 12 : 2 pp. 135-143. (2016)

Gurau, Lidia ; Csiha, Csilla ; Mansfield-Williams, Hugh (2015): Processing roughness of sanded beech surfaces. EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS 73 pp. 395-398.

Csilla, Csiha ; Éva, Annamária Papp ; József, Valent (2013): The feature of color alteration of bleached oak, beech and black locust surfaces during artificial xenon radiation. WOOD MATERIAL SCIENCE AND ENGINEERING 8 : 3 pp. 212-218. , 7 p.

OTHER RESEARCH ACTIVITY

Referee

- HOLZFORSCHUNG 2012.0058 (27)
- Wood Material Science and Engineering. SWOO-2011-0079 (12 pages)
- Elsevier. POTE-D-12-00435 (pages 18)
- European Journal of Polish Agricultural Universities 2008 (12 pages)
- Materials and Design. Elsevier. No.: JMAD-D-12-03769 (pages 27) 2012
- European Journal of Wood and Wood Products (2018)

Translator of the book

- Mick Allen: "The Complete Guide to wood finishes" Mick Allen, Paul Carslake, Quarto Inc., London, (2006) p. 1-185 (From En to Hun)

Driving licence

Category: B