

CURRICULUM VITAE

Personal Information

Name & Surname: Amir Ghavidelesfahlan
Nationality: Iran
Date of Birth: 29/10/1987
Address: Vejdes Väg 14, 35252 Växjö , Sweden
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Languages

Turkish: Native
Persian: Native
English: Fluent
Romanian: Intermediate
French: Elementary
German: Elementary

Education:

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| 2018– 2021 | Ph.D. student, with thesis entitled: In-depth studies on the modifying effects of natural aging on the chemical structure of wood and wood-water relations. Faculty of Environmental Sciences, Wood conservation, University of Alexandru Ioan Cuza of Iasi, Romania. |
| 2010 – 2012 | M.Sc., with thesis entitled: Mechanisms of strength and brightness reduction in Printing and bond papers, method of preservation and maintenance. Faculty of Wood and paper Engineering Sciences, Gorgan University of Agricultural Sciences and Natural Resources, Iran. |
| 2007 – 2010 | B.C. Wood Anatomy and Wood Industries, Gonbad University, Iran. |
| 2005 – 2007 | A.D. Wood Industries, College of Hashemi Nejad, Sari, Iran. |
| 2002 – 2005 | Industrial school of Esteghlal, Tabriz, Iran. |

Training Courses

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| 2020 | Erasmus exchange: Department of Forestry and Wood Technology, Linnaeus University, Växjö, Sweden. Worked on wood modification and wood characterization. |
| 2019-2020 | Erasmus exchange: George-August-University-Göttingen, Germany. Worked with FTIR, XRD, XPS, Raman spectroscopy, and wood water relations by DVS. |

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| 2019 | Erasmus exchange: Department of wood science, University of Sopron, Sopron, Hungary. Worked on the treatment of woods, chemical analysis of wood, and SEM-EDX. |
| 2010 | Dendrochronology, Sari, Iran |
| 2004 | Carpentry degree 1, Tabriz, Iran |
| 2003 | Carpentry degree 2, Tabriz, Iran |

Teaching experience

Contribution in the PhD course entitled “chemical characterization of lignocellulosic materials”, Linnaeus University, Växjö, Sweden.

Working experience

2021/03/01 – Present Laboratory engineer, Department of Forestry and Wood Technology, Linnaeus University, Växjö, Sweden.

Publications

In peer-reviewed journals

1. Ghavidel, A., Bak, M., Hosseinpourpia, R., Hofmann, T., Vasilache, V., Sandu, I. Comparison of chemical compositions in wood and bark of Persian Silk tree (*Albizia julibrissin* Durazz.), Wood Material Science and Engineering, 2021, <https://doi.org/10.1080/17480272.2021.1953141>
2. Ghavidel, A., Bak, M., Hofmann, T., Vasilache, V., Sandu, I. Evaluation of some wood-water relations and chemometric characteristics of recent oak and archaeological oak wood (*Quercus Robur*) with archaeometric value, Journal of Cultural Heritage, 2021, 51, 21-28. <https://doi.org/10.1016/j.culher.2021.06.011>
3. Ghavidel, A., Hosseinpourpia, R., Militz, H., Vasilache, V., Sandu, I. Characterization of Archaeological European White Elm (*Ulmus laevis* P.) and Black Poplar (*Populus nigra* L.), Forests, 2020, 11(12), 1329; <https://doi.org/10.3390/f11121329>
4. Ghavidel, A., Scheglov, A., Karius, V., Mai, C., Tarmian, A., Vioel, W., Vasilache, V., Sandu, I. In-depth studies on the modifying effects of natural ageing on the chemical structure of European spruce (*Picea abies*) and silver fir (*Abies alba*) woods, Journal of Wood Science, 2020, 66:77. doi:10.1186/s10086-020-01924-w
5. Ghavidel, A., Hofmann, T., Bak, M., Vasilache, V., Sandu, I. Comparative archaeometric characterization of recent and historical oak (*Quercus* spp.) wood, Wood Science and Technology, 2020, <https://doi.org/10.1007/s00226-020-01202-4>
6. Ghavidel, A., Gelbrich, J., Kuqo, A., Vasilache, V., Investigation of archaeological European white elm (*Ulmus laevis*) for identifying and characterizing the kind of biological degradation, Heritage, 2020, 3, 1083– 1093; doi:10.3390/heritage3040060

7. Ghavidel, A., Sandu, I., Vasilache, V. Decay Resistance of Beech Wood Against White Rot Fungus, Acta Chemica Iasi, 2020.
8. Ghavidelesfahlan, A., Sandu, I., Vasilache, V. Evaluation of colour changing of saturated woods surface with nanosilver, Pro Ligno, 2019, 15(4), p284-287.
9. Ghavidelesfahlan, A., Sandu, I., Vasilache, V. Evaluation of some chemometrics characteristics with archaeometric value from the variation of water balance for wood, Pro Ligno, 2019, 15(4), p288-294.
10. Ghavidel, A., Hosseinpourpia, R., Gelbrich, J., Bak, M., Sandu, I. Investigation of historical poplar (*Populus* spp.) and ash (*Fraxinus* spp.) for identifying and characterizing the kind of biological degradation, Forests, (Submitted)

In Conferences

11. Ghavidel, A., Hosseinpourpia, R. Chemical Composition of Recent and Naturally-aged European Spruce (*Picea abies*) and Silver fir (*Abies alba*), 16th annual meeting of the northern European network for wood science and engineering, December 1, 2020, Helsinki, Finland.
12. Ghavidelesfahlan, A., Vasilache, V., Sandu, I. Investigation of water absorption and beech dimensional consistency saturated with methyl methacrylate, Euroinvent international workshop, 2018, Iasi, Romania.
13. Ghavidelesfahlan, A., Sandu, I. Vasilache, V. The archaeometric and chemometric characteristics acquired over time of wood artifacts by changing the normal range variation of hygroscopic balance, new trends in environmental and materials engineering, 2017, Galati, Romania.
14. Ghavidel, A., Dashtbani, R., Resalati, H. Mechanisms of strength and brightness reduction in printing and bond papers, The second national conference on applications of chemistry in novel technologies, 2012, Esfahan, Iran. (in Persian)
15. Dashtbani, R., Ghavidel, A., Afra, E. The processes for the manufacture of green composite from cellulose Nano-fibrils, the 2nd national conference on the applications of chemistry in novel technologies, 2012, Esfahan, Iran. (in Persian)
16. Ghavidel, A., Resalati, H. Experiences in making kraft pulp from a mixture of wheat straw and reed, The 1st international conference and 6th national congress on waste management, 2011, Mashhad, Iran. (in Persian)
17. Ghavidel, A. Rajabi, S., Resalati, H. Investigating the possibility of making NSSC pulp from bagasse, the 1st international conference and 6th national congress on waste management, 2011, Mashhad, Iran. (in Persian)