PERSONAL INFORMATION

Maria Cristina TIMAR

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CURRENT POSITION

Transilvania University of Brașov
Faculty of Furniture Design and Wood engineering
PhD Coordinator
Doctoral studies field: Forestry Engineering
(since 2011)

EXPERTISE FIELD AND RESEARCH INTEREST AREAS

Ageing and degradation of wood /materials: testing and investigation
Scientific conservation of wood / furniture / cultural heritage
Wood preservation, gluing and finishing
Wood chemistry, wood modification

WORK EXPERIENCE

2003 - prezent	Transilvania University of Brașov (UniTBv); https://www.unitbv.ro/en/ Faculty of Furniture Design and Wood Engineering; https://dmil.unitbv.ro/en/ Professor - teaching and research activities
2000-2003	UniTBv/Faculty of Wood Engineering - associate professor – research and teaching
1995-2000	UniTBv/Faculty of Wood Engineering - lecturer – research and teaching
1990-1995	UniTBv/Faculty of Wood Engineering - assistant – research and teaching
1886-1990	UniTBv/Faculty of Wood Engineering - researcher, research activity based on projects
1981-1986	Colorom Codlea (industrial company – organic compounds and dyestuff manufacturer) – Department of QualityControl CTC

EDUCATION AND TRAINING

1992-1998	Doctoral studies	EQF 8
1998	Doctor of Philosophy (PhD) - Brunel University, United Kingdom, – Certificate Brunel University conferred at the Congregation from 25.09.1998	
1999	Doctor in technical field –specialisation Mechanical technology of wood Certificate of recognition and equivalation in Romania of the PhD title obtained in the UK; Certificate serries C/0001331/1999- Romanian Ministry of Education PhD thesis: *Chemically modified wood for thermally formed composites*	
1980 -1981	Post-graduate studies (MSc) – specialisation for research Babeș Bolyai—University of Cluj / Faculty of Chemical Technology Certificate of specialisation in Organic chemistry –serries A/ Nr.182/27.09.1982 Recomendation for research and higher education	EQF 7
1976 -1980	Under-graduae studies (BSc) – Licence in chemistry Babeș Bolyai—University of Cluj / Faculty of Chemical Technology, Section Chemistry Diplom of licence in Chemistry 27933/24.03.1981 – Specialisation Chemistry	EQF 6

PERSONAL SKILLS

Mother tongue(s): ROMANIAN

Other language(s):

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	C1	C1	C1	C1	C1
	Certificat Cambridge FCE, grade A, nr. 0019536, Ref 97C522140007 .				
French	B1	B1	A2	A2	A2
	No certificate				

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 researcher, teacher, events organiser, volunteering actions

Organisational / managerial skills

Director of the Interdisciplinary Doctoral School of UniTBv: 2016-2021
Organisation and coordination of didactic and research laboratories, research teams
Membre of the Council of the Faculty of Wood Engineering – 2000-2016
Membre of the Senate of Transilvania University of Brașov – November 2016-February 2024

Job-related skills

- skills / competence in conservation-restoration of wood/furniture; initiation and development of this field within the the Faculty of Wood Engineering
- organisational skills: organisation of restoration exhibitions (yearly since 2006), restoration camps, volunteering actions for conservation of cultural heritege

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

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

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software Adobe Photoshop, basic user Corell Draw
- independent user of specific software for investigation equipment

Other skills

- Coordinator of the MSC programme: Furniture Eco-desigb and Restoration
- PhD Coordinator since 2011

ADDITIONAL INFORMATION

Publications	5 books, 5 patents,over 150 scientific papers in journals and proceedings of internationally recognised
Presentations	conferences (45 papers in ISI journals, 20 papers as first or corresponding author, 5 ISI proceedings-2
Conferences	first author, over 40 papers in journals indexed in international databases, over 60 papers in proceedings of international conferences)
Projects	Director of research projects: 1 international project FP5 and 3 national projects obtained by competition; member of the research team in other 4 international projects and 12 national projects
Citations	Over 470 in ISI journals
H Indexes	ISI-WOS 14, Scopus 14, Google Scholar 24
References	Contact persons for references: Dr. Mark Irle (Nancy), Prof. Holger Militz (Goettingen), Prof. Joris Van Acker (Gent), Dr. Andrew Pitman (UK), Dr Dennis Jones (UK), Dr. Kevin Maher (UK)

ANNEXES

ANNEX to CV

LIST OF RELEVANT PUBLICATIONS /RESEARCH (selection)

A. Articles in ISI journals

1. Gurău L., **Timar M.C.**, Coșereanu C., Coșniță M., Stanciu M.D. (2023) Aging of wood for musical instruments: Analysis of changes in color, surface morphology, chemical, and physical-acoustical properties during UV and thermal exposure, Polymers **2023**, 15, 1794. https://doi.org/10.3390/polym15071794
2. Deaconu I., Porojan M., **Timar M.C.**, Bedelean B., Câmpean M. (2023). Comparative research on the structure, chemistry, and physical properties of Turkey oak and sessile oak wood. *BioResources*, (18) 3, 5724-5749. *DOI: 10.15376/biores.18.3.5724-5749,* https://bioresources.cnr.ncsu.edu/resources/comparative-research-on-the-structure-chemistry-and-physical-properties-of-turkey-oak-and-sessile-oak-wood/
3. Mazaherifar, M.H.; Hosseinabadi, H.Z.; Coșereanu, C.; Cerbu, C.; **Timar, M.C.**; Georgescu, S.V. (2022). Investigation on *Phoenix dactylifera/Calotropis procera* Fibre-Reinforced Epoxy Hybrid Composites. *Forests* **2022**, 13, 2098. https://www.mdpi.com/1999-4907/13/12/2098; https://doi.org/10.3390/f13122098
4. Gurău L., Coșereanu C.,**Timar M.C.**,Lungu A., Condoroteanu C.D. (2022). Comparative surface quality of Maple (*Acer pseudoplatanus*) cut through by CNC routing and by CO2 laser at different angles as related to the wood grain. *Coatings* 2022, 12(12), 1982. https://www.mdpi.com/2079-6412/12/12/1982/pdf; https://doi.org/10.3390/coatings12121982
5. Liu X.Y., **Timar M.C.**, Varodi A.M., Nedelcu R., Torcătoru, M.J. (2022). Colour and Surface Chemistry Changes of Wood Surfaces Coated with Two Types of Waxes after Seven Years Exposure to Natural Light in Indoor Conditions. *Coatings* 2022, 12(11), 1689. https://www.mdpi.com/2079-6412/12/11/1689; https://www.mdpi.com/2079-6412/12/11/1689/pdf; https://doi.org/10.3390/coatings12111689
6. **Timar M.C.**, Beldean E.C. (2022). Modification of Shellac with Clove (*Eugenia caryophyllata*) and Thyme (*Satureja hortensis*) Essential Oils: Compatibility Issues and Effect on the UV Light Resistance of Wood Coated Surfaces. *Coatings* **2022**, *12*(10), 1591; https://www.mdpi.com/2079-6412/12/10/1591; https://www.mdpi.com/2079-6412/12/10/1591/pdf; https://doi.org/10.3390/coatings12101591
7. Lungu A., **Timar M.C.**, Beldean E.C., Georgescu S.V., Coșereanu C. (2022). Adding Value to Maple (*Acer pseudoplatanus*) Wood Furniture Surfaces by Different Methods of Transposing Motifs from Textile Heritage. *Coatings* **2022**, *12*(10), 1393; https://www.mdpi.com/2079-6412/12/10/1393; https://doi.org/10.3390/coatings12101393
8. Gorgij, R.; Pourtahmasi, K.; Amiri, R.M.; Abdulkhani, A.; **Timar, M.C.**; Coşereanu, C. (2022). Chemical variations in tension wood of poplar tree induced by intermittent bending, fertilizer and hormone treatments. *Maderas. Ciencia y tecnología*, 24, 38. Epub July 10, 2022. WOS: SCIELO:S0718-221X202200. http://dx.doi.org/10.4067/s0718-221x2022000100438; https://www.scielo.cl/scielo.php?script=sci_arttext&pid=S0718-221X2022000100438&lng=en&tlng=en
9. Pop D.M., **Timar M.C.**, Varodi A.M., Beldean E.C. (2022): An evaluation of clove (*Eugenia caryophyllata*) essential oil as a potential alternative antifungal wood protection system for cultural heritage conservation, *Maderas Ciencia y tecnologia*, 2022 (24): 11, 1-16; DOI: 10.4067/s0718-221x2022000100411, http://revistas.ubiobio.cl/index.php/MCT/article/view/5076/4136
10. Dupuis V., Cerbu C, Witkowski L., Potarniche A-V, **Timar M.C**, Żychska M., Sabliov C.M. (2022): Nanodelivery of essential oils as efficient tools against antimicrobial resistance: a review of the type and physica-lchemical properties of the delivery systems and applications, *Drug Delivery*, 29:1, 1007-1024, DOI:10.1080/10717544.2022.2056663; https://doi.org/10.1080/10717544.2022.2056663
11. Balea Paul G., **Timar M.C.**, Zeleniuc O., Lunguleasa A. Coșereanu C. (2021): Mechanical Properties and Formaldehyde Release of Particleboard Made with Lignin-Based Adhesives, *Appl. Sci.* **2021**, *11*(18), 8720, Special Issue Advances in Wood Engineering and Forestry; https://www.mdpi.com/2076-3417/11/18/8720/htm, https://doi.org/10.3390/app11188720.
12. Pop D.M, **Timar M.C.**, Beldean E.C, Varodi A.M. (2020). Combined testing approach to evaluate the antifungal efficiency of clove (Eugenia caryophyllata) essential oil for potential application in wood conservation, BioResources, 15(4), 9474-9489, ISSN: 1930-2126. https://bioresources.cnr.ncsu.edu/wp-content/uploads/2020/10/BioRes_15_4_9474_Pop_TBV_Combined_Testing_Antifungal_Effic_Clove_Essen_Oil_Wood_Conserv_17969.pdf

13. Liu X.Y, **Timar M.C**, Varodi A.M (2019). A comparative study on the artificial UV and natural ageing of beeswax and Chinese wax and influence of wax finishing on the ageing of Chinese Ash (*Fraxinus mandshurica*) wood surfaces, Journal of Photochemistry & Photobiology, B: Biology 201 (2019) 111607, https://doi.org/10.1016/j.jphotobiol.2019.111607
14. Varodi A.M., Beldean E., **Timar M.C.** (2019). Furan resin as potential substitute of phenol-formaldehyde resin in plywood manufacturing, BioRes, 14(2), 2727-2739; https://bioresources.cnr.ncsu.edu/issues/vol14-issue2/page/3
15. Croitoru, C., Varodi A.M., **Timar, M.C.**, Stanciu E.M., Pascu A. (2018). Wood-plastic composites based on HDPE and ionic liquid additives, J. Mater Sci., **53**(6), pp 4132–4143, ISSN 1573-4803 (Online), https://link.springer.com/article/10.1007/s10853-017-1826-7
16. Liu X.Y., **Timar M.C.,** Varodi A., Sawyer G. (2017). An investigation of accelerated temperature-induced ageing of four wood species: colour and FTIR, Wood Sci Technol, DOI 10.1007/s00226-016-0867-4, **51** (2): 357-378. http://link.springer.com/article/10.1007%2Fs00226-016-0867-4,
17. **Timar M. C.,** Varodi, A., Hacibektasoglu, M., and Campean, M. (2016). Color and FTIR analysis of chemical changes in beech wood (*Fagus sylvatica* L.) after light streaming and heat treatment in two different environments,*BioRes.* 11(4), 8325-8343, https://www.ncsu.edu/bioresources/BioRes_11/BioRes_11_4_8325_Timar_VHC_Color_FTIR_Anal_Chem_Changes_Beech_Light_Heat_Treatm_9978.pdf
18. Liu, X. Y., **Timar M. C.**, Varodi, A. M., and Yi, S. L. (2016). Effects of ageing on the color and surface chemistry of Paulownia wood (*P. elongata*) from fast growing crops**,** *BioRes.* 11(4), 9400-9420, https://www.ncsu.edu/bioresources/BioRes_11/BioRes_11_4_9400_Liu_TVY_Ageing_Color_Surface_Chem_Wood_Pawlonia_10124.pdf
19. **Timar M.C.**, Varodi A., Gurău L. (2016). Comparative study of photodegradation of six wood species after short-time UV exposure, (DOI) 10.1007/s00226-015-0771-3, Wood Sci Technol (2016) 50(1):135-163), ISSN 0043-7719, http://link.springer.com/article/10.1007/s00226-015-0771-3
20. Liu X.Y., Cionca M., Varodi A.M., **Timar M.C**. (2015) A comparative study of Qing and European Rococo chairs (18th Century). *Ciencia e tecnica*, Volume 30/Issue 2, ISSN 0254-0223,
21. **Timar M.C.**, Sandu I.C.A., Beldean E. Sandu I. (2014). FTIR investigation of Paraloid B72 as consolidant for old wood. Principle and case studies. *Revista de Materiale Plastice,* Vol. 51, no.4, pp. 382-387, ISSN:00255289 , http://www.revmaterialeplastice.ro/pdf/TIMAR%20M.pdf%204%2014.pdf
22. Tuduce (Traistaru) A.A. Sandu I.C.A., **Timar M.C.**, Dumitrescu L., Sandu I. (2013). SEM-EDX,water absorption, and wetting capability studies on evaluation of the influence of nano-zincoxide as additive to paraloid B72 solutions used for wooden artifacts consolidation, *Microscopy research and technique* (MRT), **76** (2), 209-218, ISSN:1097-0029; http://onlinelibrary.wiley.com/doi/10.1002/jemt.22155/citedby
23. Gurau L., **Timar M.C.**, Porojan M., Ioras F. (2013). Image processing method as a supporting tool for wood species identification, *Wood and Fiber Science*, no3, July, 303-313; ISSN 0735-6161; http://wfs.swst.org/index.php/wfs/article/view/1966
24. **Timar M.C.**, Gurau L., Porojan M., Beldean E. (2013). Microscopic identification of wood species an important step in furniture conservation, *European Journal of Science and Theology*, vol9(4): 243-252, ISSN 1841-0464; http://www.ejst.tuiasi.ro/Files/40/19_Timatetal.pdf
25. Tuduce (Traistaru) A.A, **Timar M.C**, Campean M., Croitoru C. (2012): Paraloid B72 versus Paraloid B72 with Nano ZnO Additive as Consolidants for Frail Wood, *Materiale Plastice*, **49** (4), 293-300, ISSN 0025-5289; http://www.revmaterialeplastice.ro/pdf/TUDUCE%20A.pdf%204%2012.pdf
26. **Timar MC**, Beldean E, Porojan M, Gurau G. (2009): Field testing and microscopy - important tools for a realistic long-term evaluation of wood improvement treatments, Environmental Engineering and Management Journal EEMJ, **8**(4): 669-678, ISSN 1582-9596; http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol8/no4/9_Timar.pdf
27. **Timar M.C.**, Maher K., Irle M., Mihai D. (2004). Thermal forming of chemically modified wood to make high performance plastic like composites, Holzforschung, **58** (5): 519-528, ISSN 0018-3830; http://www.degruyter.com/view/j/hfsg.2004.58.issue-5/hf.2004.079/hf.2004.079.xml?rskey=BzA4Ri&result=3

28. **Timar M.C.**, Mihai M.D., Maher K., Irle M., (2000). Preparation of wood with thermoplastic properties. Part 1- Classical synthesis, Holzforschung, **54** (1): 71-76, ISSN 0018-3830; http://www.degruyter.com/view/j/hfsg.2000.54.issue-1/hf.2000.011/hf.2000.011.xml?rskey=BzA4Ri&result=2
29. **Timar M.C.**, Maher K., Irle M., Mihai M.D., (2000). Preparation of wood with thermoplastic properties. Part 2- Simplified technologies, Holzforschung, **54** (1): 77-82, ISSN 0018-3830; http://www.degruyter.com/view/j/hfsg.2000.54.issue-1/hf.2000.012/hf.2000.012.xml?rskey=BzA4Ri&result=1
30. **Timar M.C.**, Pitman A. (1999). Biological resistance of chemically modified aspen composites, *International Biodeterioration and Biodegradation*, **43** (4): 181-187, ISSN 0964-8305; http://www.sciencedirect.com/science/article/pii/S0964830599000529

Articles in BDI (international databases) journals

1.Timar M.C., Buchner J., Pop D.M., Irle M. (2021): The protection of beech wood (*Fagus sylvatica*) against the brown rot *Postia placenta* using clove (*Eugenya caryophyllata*) essential oil in linseed oil medium. *Bulletin of the Transilvania University of Braşov,* Series II: Forestry- Wood Industry - Agricultural Food Engineering, Vol. 14(63) No. 2 – 2021, pp. 61-74; https://doi.org/10.31926/but.fwiafe.2021.14.63.2.6, http://webbut.unitbv.ro/index.php/Series_II/article/view/667/603

2.Timar M.C, Varodi A.M, Liu X.Y. (2020). The influence of artificial ageing on selected properties of wood surfaces finished with thaditional materials – an assessment for conservation purposes. Bulletin of Transilvania University of Brasov, series II: Forestry - Wood industry – Agriculture food engineering ISSN 2065-2135 (Print), ISSN 2065-2143 (CD-ROM), vol 13 (62), no.2, 2020, pp. 81-94. http://webbut.unitbv.ro/Bulletin/Series%20II/2020/BULETIN%20I/7-%20IL%20-Timar.pdf

3.Beldean E., Timar M.C (2020). A new opportunity for research in Romania: subfossil wood. Bulletin of Transilvania University of Brasov, series II: Forestry - Wood industry – Agriculture food engineering ISSN 2065-2135 (Print), ISSN 2065-2143 (CD-ROM), vol 14 (63), no.1, 2021, pp. 77-88. https://doi.org/10.31926/but.fwiafe.2021.14.63.1.7 ; https://webbut.unitbv.ro/index.php/Series_II/article/view/313/252

4.Timar M.C., Beldean E.C., Olaru I.V., Varodi A.M., Pop D.M (2019). Challenges in the conservation of an early 19th century holy door: the first steps. Pro Ligno, vol 215, no.4, pp 128-137. http://www.proligno.ro/en/articles/2019/4/TIMAR.pdf

5.Pop D.M., Timar M.C., Varodi A.M. (2019). Comparative assessment of the biocidal potential of 3 essential oils. Bulletin of the *Transilvania* University of Braşov Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 12 (61) No. 1 – 2019, pp. 83-96, https://doi.org/10.31926/but.fwiafe.2019.12.61.1.7: http://webbut.unitbv.ro/Bulletin/Series%20II/2019/BULETIN%20I%20PDF/7.%20Pop%20et%20al.%20-%2009.07.2019%20-%20EM.pdf

6.Pop D.M, Varodi A.M., Timar M.C, (2019). Essential oils as potential ecological wood preservatives – a preliminary test on thyme essential oil. Innovation in Woodworking Industry and Engineering Design, ISSN 2367-6663, vol 15(1)/ 2019, pp. 28-36, http://www.scjournal-inno.com/en/article-336.htm; https://www.cabdirect.org/cabdirect/abstract/20193325978

7.Pop D.M., **Timar M.C.**, Varodi A.M. (2018): Comparative assessment of antifungal potential of clove (*Eugenia Caryophylatta*) and cinnamon (*Cinnamonum verum*) essential oils, Pro Ligno, vol 14(4), pp. 82-91, ISSN ONLINE 2068-7430. http://www.proligno.ro/en/articles/2018/4/POP.pdf

8.**Timar M.C.**, Beldean E., Varodi A.M., Muscu I., (2017) Old wood recovered from constructions – from scientific challenge to design opportunities, *Pro Ligno*, vol. 13(4), pp. 437-446, ONLINE ISSN 2069-743, http://www.proligno.ro/en/articles/2017/4/TIMAR.pdf

9.Varodi A.M., **Timar M.C.**, Liu X.Y., Cojocariu C., (2017) Effect of natural ageing in indoors conditions on the colour of wood surfaces finished with natural traditional materials, *Pro Ligno*, vol. 13(4), pp. 331-340, ONLINE ISSN 2069-7430 . http://www.proligno.ro/ro/articles/2017/4/VARODI.pdf

10. Liu X.Y., Cionca M., **Timar M.C**.(2015), A Comparative Study Of 17th Century Ming And Western European Chairs, *European Journal of Science and Theology*, February 2015, Vol.11, No.1, 253-262. ISSN 842 – 8517, http://www.ejst.tuiasi.ro/Files/50/24_Liu%20et%20al.pdf

11. Deak A., Cionca M., **Timar M.C.**, Porojan M. (2015). Arguments for Reusing Old Oak Wood Recovered from Demolition, *Pro Ligno*, Vol11(3): 38-47. ON LINE ISSN 2069-7430. http://www.proligno.ro/ro/articles/2015/3/deak.pdf

12. Liu X.Y., **Timar M.C.**, Varodi A., Yi S.L. (2015). Tung oil and linseed oil as traditional finishing materials important for furniture conservation, *PRO LIGNO*, Vol. 11 N° 4 2015, pp. 571-579. ON LINE ISSN 2069-7430. http://www.proligno.ro/ro/articles/2015/4/Liu_final.pdf

13. **Timar M.C.**, Pop D.M., Varodi A., Lazureanu D., Tolomeiu I.(2015), Microscopy, Micro-Chemistry And Ftir As Analytical Tools For Identifying Transparent Finishes Case Studies From Astra Museum – Sibiu, PRO LIGNO Vol. 11 N° 4 2015, pp. 561-570, ON LINE ISSN 2069-7430. http://www.proligno.ro/ro/articles/2015/4/Timar_final.pdf

14. Babita L.L, **Timar M.C.**(2015) Conservation of polychrome wood – principles and case studies, PRO LIGNO Vol. 11 N° 4 2015, pp. 545-552. ON LINE ISSN 2069-7430. http://www.proligno.ro/en/articles/2015/4/Babita_final.pdf

15. Beldean E., **Timar M.C.**, Varodi A.(2015). Assessing protecting efficiency of some surface treatments on fir wood after 7 years outdoor exposure**,** PRO LIGNO Vol. 11 N° 4 2015, pp. 275-282. ON LINE ISSN 2069-7430. http://www.proligno.ro/ro/articles/2015/4/Beldean_final.pdf

16. Varodi A., Pop D.M., Babita L.L., **Timar M.C.,** Volunteering For Cultural Heritage Conservation - Two Case Studies, PRO LIGNO Vol. 11 N° 4 2015, pp. 537-544. ON LINE ISSN 2069-7430. http://www.proligno.ro/ro/articles/2015/4/Varodi_final.pdf

17. Liu, X.Y., **Timar M.C.**, Varodi A.M. (2014) A Preliminary Study of Three Finishing Materials for Traditional Chinese Furniture. *Advances in Materials Physics and Chemistry*, **4**, 85-92. http://dx.doi.org/10.4236/ampc.2014.45011

18. **Timar M.C.**, Beldean E. (2013): A comparative study of fir (Abieas alba Mill) and beech (Fagus sylvatica) degradation in UC3, *Bulletin of Transilvania University of Brasov, series II, Forestry, wood industry, Agricultural food engineering*, vol 6 (55) No.1 pp. 39-46.ISSN 2065-2135; http://webbut.unitbv.ro/BU2013/Series%20II/BULETIN%20II%20PDF/06_Timar_Beldean_.pdf

19. **Timar M.C.**, Beldean E. Varodi A. (2013): A laboratory comparative study on the performance and reversibility of some traditional and modern adhesives for furniture conservation, Pro Ligno, **9** (4): 282-290; http://www.proligno.ro/ro/articles/2013/4/Timar_final.pdf

20. **Timar, M.C.**, Beldean, E., Zeleniuc, O., Varodi, A. (2012): An insight into beech wood (*Fagus sylvatica* L.) degradation, in outdoors, above ground, long-time exposure. Part. 1. *Pro Ligno*, **8** (2), 37-52, ISSN 2069-7430; http://www.proligno.ro/ro/articles/2012/2/timar_full.pdfs. Part. 2. *PRO Ligno*, **8** (3), 53-67, ISSN 2069-7430; http://www.proligno.ro/ro/articles/2012/3/timar_full.pdf

21. **Timar, M.C.**, Tuduce (Traistaru), A., Porojan, M., Gurau, L. (2010). An investigation of consolidants penetration in wood. Part 1: General methodology and microscopy. *PRO Ligno,* **6** (4): 13-27, http://www.proligno.ro/ro/articles/2010/4/timar.pdf

22. **Timar, M.C.**, Tuduce (Traistaru), A., Patachia S, Croitoru, C: (2011). An investigation of consolidants penetration in wood. Part 2: FTIR spectroscopy, *PRO Ligno*, **7**(1), pg. 25-38; http://www.proligno.ro/ro/articles/2011/1/timar_full.pdf

23. **Timar M.C**, Gurau L., Cionca M., Porojan M. (2010): Wood species for Biedermeier furniture a microscopic characterisation for scientific conservation, International Journal of Conservation Science, 1 (1): 3-12, ISSN 20678223; http://www.ijcs.uaic.ro/volume_1.html#Issue1

Maria Cristina Timar 30.01.2024