

## PERSONAL INFORMATION

## ANTONELA-CRISTINA LUNGU

📍 Transylvania University of Braşov , B-dul Eroilor No. 29, 500036 Braşov, ROMÂNIA  
Faculty of Furniture Design and Wood Engineering, Universităţii Street, No. 1, Braşov 500068  
✉ [antonela.petrascu@unitbv.ro](mailto:antonela.petrascu@unitbv.ro)

Sex F | Nationality Romanian

## WORK EXPERIENCE

01.10.2024 – present

**Lecturer**

Transylvania University of Braşov, Faculty of Furniture Design and Wood Engineering

Wood Processing and Wood Product Design Department

- Full-time Studies Programs: Project, Laboratory, Seminar – Finished Wood Products; Materials Used in Wood Industry; Furniture Design, Manufacture and Viability; Furniture Technology; Art Furniture Technology; Furniture Styles and Ornaments. Course and Laboratory: Descriptive Geometry, Ornamental Drawing

- Part-Time Education Program: Finished Wood Products; Materials Used in Wood Industry; Descriptive Geometry

[Business or sector](#) Academic Education

October 1, 2021 – June 3, 2022,

October 1, 2022 – June 2, 2023,

October 1, 2023 - present

**Collaborating Professor**

Transylvania University of Braşov, Faculty of Furniture Design and Wood Engineering

Wood Processing and Wood Product Design Department

- Full-time Studies Programs: Project, Laboratory, Seminar – Finished Wood Products; Materials Used in Wood Industry; Furniture Design, Manufacture and Viability; Furniture Technology; Art Furniture Technology; Furniture Styles and Ornaments. Course and Laboratory: Descriptive Geometry, Ornamental Drawing

- Part-Time Education Program: Finished Wood Products; Materials Used in Wood Industry; Descriptive Geometry

[Business or sector](#) Academic Education

September 1, 2016 – September 30, 2023

**Wood Industry Design Engineer**

Crisalen Proiect SRL, Braşov

- Design and preparation of furniture assembly instructions, specialized design, digitization of traditional motifs, organization of various workshops

[Business or sector](#) Other professional, scientific, and technical activities

May 20, 2004 – August 31, 2016

**Wood Industry Design Engineer**

Maximo Impex SRL, Araci, County Covasna

- Designing and drafting furniture assembly instructions

[Business or sector](#) Wooden Furniture for Children and Toys

June 15, 1999 – May 19, 2004

**Head of the Technical Department**

Lignorex SA Braşov

- Leadership and Coordination Activities

[Business or sector](#) Wood Joinery

June 1, 1998 – June 14, 1999

**Deputy General Manager, Interim General Manager, General Manager**

Lignorex SA Braşov

- Leadership and Coordination Activities

[Business or sector](#) Wood Joinery

- July 21, 1997 – May 31, 1998 **Production Manager**  
Lignorex SA Braşov
- Leadership and Production Planning Activities
- [Business or sector](#) Wood Joinery
- September 19, 1995 – July 20, 1997 **Manufacturing Preparation Engineer**  
Lignorex SA Braşov
- Compiling necessary materials, creating data sheets, preparing preliminary cost calculations
- [Business or sector](#) Wood Joinery
- 
- EDUCATION AND TRAINING**
- October 1, 2019 – November 23, 2023 **Doctor in the field of Forest Engineering**  
Transylvania University of Braşov, Faculty of Furniture Design and Wood Engineering
- Title of thesis: Perspectives on the Development in Furniture of Some Traditional Romanian Motifs of Textile Heritage from Ţara Bârsei and its Surroundings
- July 18, 2021 – July 30, 2021 Sectoral Skills Alliance funded by the EU ERASMUS+ program
- Online course “Digital Transformation Manager for the Furniture Sector”, created within the DITRAMA project
- March 3, 2019 – March 10, 2019 Aleron Trading Center S.R.L.
- Entrepreneurial Skills Course within the “HR Center Support” Project POCU 117168
- August 13, 2017 – August 18, 2017 The Prince of Wales Foundation Romania - Viscri
- Interior Design Course Inspired by Romanian Traditions
- March – November 2017 The Business Mom Entrepreneurial School in Braşov
- Courses in the economic field (entrepreneurship, business planning, marketing and sales, financial education, coaching, negotiation)
- 1995 – 1996 **Master**  
Transylvania University of Braşov, Faculty of Wood Industry
- Postgraduate Course (Advanced Studies), Forestry Profile, Specialization in Modern Technologies in the Wood Industry
- 1993 – 1994 Transylvania University of Braşov
- Psycho-pedagogical Qualification Course
- 1990 – 1995 **Engineer**  
Transylvania University of Braşov, Faculty of Wood Industry
- Forestry Profile, Specialization in Furniture Design and Other Finished Wood Products
- 1986 – 1990 High School “Dr. Ioan Meşotă” Braşov
- Specialization in Mathematics and Physics

---

**PERSONAL SKILLS**

Mother tongue Romanian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Linguistic Competence Certificate, Transylvania University of Braşov					
German	A2	A2	A2	A2	A2

- Communication skills**
  - Teamwork: I have been involved in various types of teamwork, starting with my graduation project at the university.
- Organisational / managerial skills**
  - In 2018, together with a group of 30 women, which I coordinated, we embroidered a map measuring 2 x 1.5 m with traditional motifs from across the country, called the Centennial Map. It is currently exhibited at the Tourist Information Center in Braşov.
- Job-related skills**
  - Skills in digital graphics (I have created posters and labels).
- Computer skills**
  - I can use AutoCAD, FreeHAND, COREL DRAW, SolidWORKS, and the Microsoft Office™ suite (WORD, EXCEL, POWER POINT, etc.).
- Other skills**
  - I learned and practiced cross-stitching since I was in the first grade, and in 2015, I rediscovered my passion for it. Since then, I have created and led workshops on traditional embroidery applied to the making of modern objects, with at least 10-20 participants each. I participated with exhibitions created together with a group of ladies in the editions from 2014 to 2019 of the Etnovember festival organized by the "Transylvania" University of Braşov.

ADDITIONAL INFORMATION

- Papers published in specialized journals**
  - Coşereanu, C., Spîrchez, G.C., Lungu, A., Georgescu S.V., Filip, A.C., Răcăşan, S. (2024) - Abrasive Water Jet Cutting vs. Laser Jet Cutting of Oak Wood Panels, 11th Hardwood Conference Proceedings
  - Lungu, A., Gurău, L., Coşereanu, C. (2023). Evaluation of CNC routed surface quality of beech (*Fagus Sylvatica* L.) with different milling angles as function of grain orientation, Bulletin of the Transylvania University of Brasov. Series II: Forestry • Wood Industry • Agricultural Food Engineering 16(65), 157-176
  - Lungu, A., Gurău, L., Coşereanu, C. (2023). Evaluation of CNC Routed Surface Quality of Maple (*Acer pseudoplatanus*) and Oak (*Quercus robur* L.) with Different Milling Angles as Function of Grain Orientation, BioResources 18(3), 5334-5350.
  - Gurău, L., Coşereanu, C., Timar, M.C., Lungu, A., Condoroţeanu, 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, 12(12), 1982.
  - Lungu, A., Timar M.C., Beldean E.C., Georgescu, V.S., Coşereanu, C. (2022). Adding value to maple (*Acer pseudoplatanus*) wood furniture surfaces by different methods of transposing motifs from textile heritage, Coatings, 12(10), 1393.
  - Stanciu, M.D., Gheres, E., Lungu, A., Tismănar, I., Gliga, G.V. (2022). The surface energy of coating layers used for violins varnishing, International Journal of Modern Manufacturing Technologies, XIV(2), 240-244.
  - Lungu, A., Androne, A., Gurău, L., Răcăşan, S., Coşereanu, C. (2021). Textile heritage motifs to decorative furniture surfaces. Transpose process and analysis, Journal of Cultural Heritage 52, 192-201.
  - Lungu, A., Ispas, M., Brenci, L., Răcăşan, S., Coşereanu, C. (2021). Comparative study on wood CNC routing methods for transposing a traditional motif from the Romanian textile heritage into furniture decoration, Applied Sciences, 11(15), 6713.
  - Lungu, A., Androne, A., Gurău, L., Coşereanu, C. (2021). Simulating traditional textile heritage motifs by applying CAD-CAM-CAE tool for furniture decoration, Matec Web of Conference, 341, 04012.
  - Lungu, A., Gurău, L., Georgescu, S., Coşereanu, C. (2021). Computer-aided methods for furniture decoration with traditional motifs of textile heritage, IOP Conference Series: Materials Science and Engineering, 1235, 012041.
  - Lungu, A., Puskás, M., Coşereanu, C. (2020). Convergences between the traditional motifs of the Romanian and Mexican textile heritage, Redefining Community in Intercultural Context, 9(1), 41-46.

- Publications**
- Stănescu, A., Holiday Attire of the Junii from Șcheii Brașovului. The Attire of the Roșiorii and Albiorii, Official Gazette R.A., 2017, ISBN 978-973-567-979-8, pp. 60 – 64; Lungu, A., Puskás, M. – Textile Heritage from Șcheii Brașovului. Some Considerations on the Symbols and Traditional Motifs Embroidered on the Shirts of the Junii Albiori and Roșiori from Șcheii.
  - Antares Club, Brașov, Pavcon Publishing, Bucharest, Centennial Fictions. Anthology of SF&F Stories, Brașov, Romania, 2018, ISBN 978-973-0-27778-4, pp. 286 – 288; Lungu, A. – The Story of "My Motifs".
- Presentations**
- Lungu, A., Can a Foundation Like Hari Seldon Be the Solution for Preserving the Romanian Language, Tradition, and Roots?, 2nd edition of the AntarSFest Festival, October 5-7, 2018, an event organized by the Antartes Science-Fiction & Fantasy Club Brașov Association, co-financed by the Brașov County Council.
- Projects**
- Participation in the online event "European Researchers' Night 2020", organized by the Research and Development Institute of the "Transylvania" University in Brasov, featuring the film "Chilim Stitch Point Technique", November 27, 2020.
  - Participation in the project "Reviving and renewing the traditional Romanian spirit in the hearts of children from Brașovul Vechi", organized by the Association for Culture and Preservation of Heritage and Traditions Brașovul Vechi, featuring traditional motifs from Țara Bârsei, August 19, 2021
- Conferences**
- Participation in the online conference MSE 2021 (MANUFACTURING SCIENCE AND EDUCATION), organized by "Lucian Blaga" University of Sibiu on June 4, 2021, with the paper "Simulating traditional textile heritage motifs by applying CAD-CAM-CAE tool for furniture decoration" (authors: Antonela Lungu, Antonius Androne, Lidia Gurău, Camelia Coșereanu).
  - Participation in the online conference IMANEE 2021 (INNOVATIVE MANUFACTURING ENGINEERING & ENERGY INTERNATIONAL CONFERENCE), organized by "Gheorghe Asachi" Technical University of Iași on October 22, 2021, with the paper "Computer-aided methods for furniture decoration with traditional motifs of textile heritage" (authors: Antonela Lungu, Lidia Gurău, Sergiu Georgescu, Camelia Coșereanu).
  - Participation in the ICWSE 2023 (INTERNATIONAL CONFERENCE OF WOOD SCIENCE AND ENGINEERING), organized by Transilvania University of Brașov, Faculty of Furniture Design and Wood Engineering on November 2, 2023, with the paper "Evaluation of CNC routed surface quality of beech (Fagus Sylvatica L.) with different milling angles as a function of grain orientation" (authors: Antonela Lungu, Lidia Gurău, Camelia Coșereanu).
- Seminars**
- Participation in the online interactive seminar "Traditions in Contemporary Times - Harnessing Elements of Folk Costume in Current Fashion," held within the framework of the Erasmus project "Support to European Quality Assurance in Vocational Education and Training (EQAVET) National Points," with the presentation "Traditional Symbols from the Țara Bârsei" on February 25, 2021.
- Honours and awards**
- Award in Section XI – PhD Students, at AFÇO (Graduates in Front of Companies) 2022, with the topic "Possibilities of Transposing Traditional Motifs from the Textile Heritage of the Țara Bârsei and Surroundings into Furniture."

Date:

31st of January 2025

Signature:

