

CURRICULUM VITAE

Nume: SALCĂ

Prenume: EMILIA-ADELA

Data și locul nașterii: 4 Mai 1965, Brașov

Cetățenie: Română

Studii:

Universitare/postuniversitare/doctorat

Instituția	Facultatea de Industrializarea Lemnului Brașov	Studii postuniversitare de specializare - Informatică Universitatea Transilvania din Brașov Facultatea de matematică și informatică	Universitatea Transilvania din Brașov Facultatea de Industria Lemnului
Perioada: de la (anul) până la (anul)	1983-1988	2006	2003-2008
Grade sau diplome obținute	inginer	Diploma de absolvire-specializare informatică	Doctorat

Alte specializări și calificări

1993	Gradul didactic definitiv în învățământ
1994	Titularizare în învățământ - Grup Scolar Forestier Nehoiu
1999	Gradul didactic II în învățământ
1999-2000	Curs de reconversie profesională în programare
2002-2003	Specializare English for Technical and Business Purposes in Wood Industry
2003	Curs AUTOCAD 2D – 3D
2006	Studii post-universitare de specializare în informatică
2008	Certificat de competență lingvistică-Engleză

Experiența profesională și didactică

Funcția	inginer	Profesor inginer	Asistent	Șef Lucrări
Perioada	1988-1990	1990-2001	2001-2004	2004-prezent
Instituția	IFET	Grup școlar Forestier	Facultatea de Industria Lemnului	Facultatea de Ingineria Lemnului
Locul	Tg. Secuiesc	Nehoiu	Brașov	Brașov

Locul de muncă actual - Facultatea de Ingineria lemnului

Vechime la locul de muncă actual – 15 ani

Limbi străine cunoscute – Engleza, Franceza

Granturi și contracte de cercetare științifică

CONTRACTE		
Programul/ Proiectul	Funcția	Perioada
Determinarea proprietatilor fizice si mecanice ale placajelor cu grosimi mari la SC PRODLEMN SA Reghin, Valoare contract: 4000 RON, 2003	membru	2003
Contract CNCSIS cod 397 – Program tip A, avand tema: Fenomene nanotehnologice la compozitele anizotrope realizate din lamele din lemn de diferite specii, destinate utilizărilor industriale (transporturi, construcții, industria lemnului, etc)	membru	2007
Proiect CEEENr.191/2006 -Program MATNANTECH-CEEEX-M1-C1-9153-2006-2008 -Institutul de Chimie Macromoleculară P. Poni - Lignina- sursa de materii prime pentru combustibili neconvenționali, energie, produse chimice și materiale performante în condițiile dezvoltării durabile	membru	2006-2008
Compozite biodegradabile cu inserții textile pentru produse ambientale ecologice – BIOCOMPTEx Parteneriate 72-200/2008	membru	2008
Proiect DIDATEC martie 2012 - noiembrie 2012 Implementare TIC în procesul educațional universitar	membru	2012
Proiect Novel learning approach for ERGOnomic Principles for deSiGnERS working in the upholstery and sleep sectors by using Virtual Reality (ERGOSIGN), în cadrul programului ERASMUS+ KA2-Cooperation for Innovation and the Exchange of Good Strategic Partnership for Vocational Education and Training. 2015-1-RO01-KA202-015091-	membru	2015
<p>Temă de cercetare științifică, prin competiție, cu titlul Cercetări privind stabilirea criteriilor de calcul a taxei de peiaj.</p> <p>Responsabili temă: Șef Lucr. Dr.Ing. Emilia Salcă și Prof. Dr.Ing. Valentina Ciobanu în 2017; Conf. Dr.Ing. Rudolf Derczeni și Dr.Ing. Elena-Camelia Mușat în 2018.</p> <p>Beneficiar RNP Romsilva. Valoare estimată: total 100000 lei, din care 50000 lei în 2017. Propunerea a fost susținută la Târgul de Cercetare Științifică Silvică în 28-29 Septembrie 2016 la Posada și a fost selectată de către Comitetul Științific al RNP.</p>	Responsabil temă în 2017	2017-2018
GRANTURI		
<p>Short Term Scientific Mission (STSM) sub COST Action FP1006, 19.03.2012-01.04.2012, la Norwegian Forest and Landscape Institute, As, Norway.</p> <p>Sursa de finanțare: COST Action FP1006 ECOST-STSM-FP1006-190312-015220 (1420 Euro)</p>	Short term Scholar Early-stage researcher	2012

<p>Publicație ISI rezultată din cercetarea efectuată (ISI/2015):</p> <ul style="list-style-type: none"> • SALCĂ, E.A., GOBAKKEN ROSS, L., GJERDRUM, P. (2014). Progress of discoloration in green, freshly cut veneer sheets of black alder (<i>Alnus glutinosa</i> L.) wood, Wood Material Science and Engineering Journal, June, 2014. DOI: 10.1080/17480272.2014.929175 		
<p>Grant - FULBRIGHT Senior Award Scholarship 2013-2014, Postdoctoral research at Oklahoma State University, Stillwater, USA. Project title: Evaluation of Different Wood Species as Function of Heat Treatment. Sursa de finanțare: Guvernul SUA și al României Grant Nr.543 în valoare de 9560\$ și 930 Euro Total estimativ 10122Euro (03.01.2017)</p> <p>Publicație ISI rezultată din cercetarea efectuată (IF 3.17/2014):</p> <ul style="list-style-type: none"> • SALCĂ, E.A., HIZIROGLU, S. (2014). Evaluation of hardness and surface quality of different wood species as function of heat treatment, Materials and Design, Vol.62, p.416-423, October, 2014. DOI: 10.1016/j.matdes.2014.05.029. <p>Diseminare rezultate 2014-2016. Lucrări prezentate la Conferințe Internaționale în Portugalia, Suedia, Grecia și Cehia:</p> <ul style="list-style-type: none"> • SALCĂ, E.A., HIZIROGLU, S. (2014). Effect of heat treatment on surface roughness and hardness of black alder (<i>Alnus glutinosa</i> L.) wood. In: Book of Abstracts/Proceedings of ECWM7 Lisbon, Portugal, 10-12 March 2014, ISBN 978-972-49-2267-6, p.53. • SALCĂ, E.A., HIZIROGLU, S. (2014). Evaluation of hardness and roughness of heat treated wood species. In: Book of Abstracts of Final COST Action FP0904 Conference, Skelleftea, Sweden, 19-21 May 2014, ISBN 978-91-7439-0, p.38-39. • SALCĂ, E.A. (2015). Overview upon discolorations caused by heat treatment applied to different assortments of black alder. In: Book of Abstracts of the Final COST FP1006 meeting “Advances in modified and functional bio-based surfaces” at the Aristotle University of Thessaloniki, Thessaloniki, Greece, 7-9 April 2015, p. 81-83. • SALCĂ, E.A., HIZIROGLU, S. (2016). Evaluation of hardness and of heat treated yellow poplar wood. In: Book of Abstracts of the COST Action FP1407 2nd Conference „Innovative production technologies and increased wood products recycling and reuse”, Brno, Czech Republic, 29-30 September 2016, ISBN 978-80-7509-429-2, p.85-86. 	<p>Director de proiect</p>	<p>2013-2014</p>

<p>Bursa Universității Transilvania din Brașov 2015 Cercetarea s-a efectuat la Universitatea din Poznan. Sursa de finanțare: Universitatea Transilvania din Brașov Nr. 8536-22.07.2015(10000 lei)</p> <p>Publicație ISI rezultată din cercetarea efectuată (IF 1.334/2016):</p> <ul style="list-style-type: none"> • SALCĂ, E.A., KRYSTOFIAK, T., LIS, B., MAZELA, B., PROSZYK, S. (2016). Some coating properties of black alder wood as function of varnish type and applications method, BioResources 11(3), 7580-7594. DOI:10.15376/biores.11.3.7580-7594 <p>Diseminare rezultate 2016. Lucrare prezentată la Conferința COST Action FP 1303 & DURAWOOD, Poznan, Poland:</p> <ul style="list-style-type: none"> • SALCĂ, E.A., KRYSTOFIAK, T., LIS, B. (2016). Adhesion strength and glossiness of coated surfaces made of alder wood as function of their surface roughness. In: Book of Abstracts of the Joint Conference: COST Action FP 1303 „Performance bio-based building materials”&DURAWOOD Project „Superior bio-friendly systems for enhanced wood durability”, Poznan, Poland, 30-31 August 2016, p.31-32. 	Scholar	2015-2016
<p>Bursa Universității Transilvania din Brașov pentru mobilitate internațională 2016 – competiția a doua Cercetarea s-a efectuat la Universitatea Ucraineană Națională Forestieră din Lviv, Ucraina.</p> <p>Sursa de finanțare: Universitatea Transilvania din Brașov 20.07.2016 (2500Euro)</p> <p>Cercetarea este în desfășurare. Rezultate preliminare au fost prezentate la Biocomp 2016, Concepcion, Chile. Diseminare rezultate 2016. Lucrări prezentate la Conferința Biocomp 2016, Concepcion, Chile:</p> <ul style="list-style-type: none"> • KOZAK, R., BEKHTA, P., SALCĂ, E.A. (2016). Wood-straw composites bonded with urea formaldehyde glue modified by ethanol. In: Proceedings of the 13th Pacific Rim Bio-Based Composites Symposium “Bio-Based composites for a sustainable future”, Concepcion, Chile, 13-15 November 2016, p.62-65. • SALCĂ, E.A., BEKHTA, P. (2016). Influence of veneer densification upon the process of plywood production. In: Book of Abstracts of the 13th Pacific Rim Bio-Based Composites Symposium “Bio-Based composites for a sustainable future”, Concepcion, Chile, 13-15 November 2016, p.98. 	Scholar	2016-2017

<ul style="list-style-type: none"> • LYUTYY, P., BEKHTA, P., SALCĂ, E.A. (2016). Composite panels made from Tetra-Pak and polyethylene waste materials. In: Book of Abstracts of the 13th Pacific Rim Bio-Based Composites Symposium “Bio-Based composites for a sustainable future”, Concepcion, Chile, 13-15 November 2016, p.84. 		
--	--	--

Participări în asociații profesionale și științifice

- Membru în Comitetul de redacție: Revista ProLigno 2005-prezent
- Recenzor la Jurnale ISI: BioResources, European Journal of Wood and Wood Products, Journal of Tropical Forest Science, iForest
- Recenzor la Jurnale BDI: ProLigno, Acta Silvatica et Lignaria Hungarica
- Recenzor la Conferințe Internaționale: ICWSE 2015, IFC2016
- Membru în organizarea conferințelor: IUFRO 2003, ICWSE 2004, 2007, 2009, 2011, 2013, 2015.
- Membru în COST Actions: FP1006 „Bringing new functions to wood through surface modification”, FP0940 „Thermo-Hydro-Mechanical Wood Behaviour and Processing” 2012-2015, respectiv 2013-2014.
- Membru în COST Actions: FP1303 “Performance of Biobased building materials” și FP1407 “Understanding wood modification through an integrated scientific and environmental impact approach (MODWOODLIFE)”, 2015-prezent

Participări la activități didactice în universități din străinătate

- Mobilități didactice prin Programul ERASMUS la:
 - Universitatea de Vest Ungaria, Sopron, Septembrie 2012
 - Universitatea Karadeniz, Trabzon, Turkey, Mai 2013
 - Universitatea din Kaunas, Kaunas, Lituania, Septembrie 2014
 - Universitatea din Poznan, Poznan, Polonia, Februarie 2016
- Profesor invitat (cercetare și asistență la laborator) prin Programul **ASIA BRIDGE** la Universitatea din Shizuoka, Shizuoka, Japonia, 2 luni, 2014-2015. Cercetarea a fost efectuată în colaborare cu cercetători de la Universitatea Shizuoka și Universitatea Nagoya din Japonia.

Publicație ISI rezultată din cercetarea efectuată în Japonia (IF 1.268/2016):

- **SALCĂ, E.A.**, KOBORI, H., INAGAKI, T., KOJIMA, Y., SUZUKI, S. (2016). Effect of heat treatment on colour changes of black alder and beech veneers, **Journal of Wood Science**, p.1-8, April 2016, DOI 10.1007/s10086-016-1558-3

Diseminare rezultate 2015-2016. Lucrări prezentate la Conferințe Internaționale:

- **SALCĂ, E.A.**, KOBORI, H., INAGAKI, T., KOJIMA, Y., SUZUKI, S. (2015). Evaluation of heat treated veneers of various wood species. In: Proceedings of ECWM8, Helsinki, Finland, 26-27 October, 2015, p.83-87.
- KOBORI, H., **SALCĂ, E.A.**, INAGACHI, T., KOJIMA, Y., SUZUKI, S. (2015). Investigation of heat treatment on wood veneers by NIR spectroscopy. Poster presented by Dr. KOBORI at the 17th International Conference on Near Infrared Spectroscopy NIR 2015, Foz do iguassu, Brasil, 18-23 October 2015.

- **SALCĂ, E.A., KOBORI, H., INAGAKI, T., SUZUKI, S., HIZIROGLU, S.** (2016). Evaluation of heat treated black alder wood by FT-NIR. In: Book of Abstracts of the 2nd edition Workshop NIR & WOOD – SOUNDS GOOD! Application of NIR spectroscopy in wood science and technology, San Michele all'Adige (TN), Italy, 19-21 April 2016, ISBN 978-88-941153-0-7, p.51-52.

Participări la activități de instruire prin COST Action în universități din străinătate

- Mobilități de instruire (training schools TS) prin COST Action FP1006 „Bringing new functions to wood through surface modification”
 - **Training School for Vibrational spectroscopy**, 23-24 April 2012, University of Applied Sciences, Salzburg, Campus Kuchl, Austria.
 - **Training School - Finishing of the surfaces of thermally modified wood with UV lacquer products**, 6-8 March 2013, Faculty of Wood Technology and Technical Centre of SHERWIN WILLIAMS Company, Poznan, Poland.
 - **Training School - X-ray tomography and service life prediction**, 15-16 April 2013, Ghent University, Laboratory of Wood Technology, Ghent, Belgium.
 - **Training School - Production and Characterisation of Decorative Laminates**, Theory and practice, 5-7 March 2014, Porto and Viseu, Portugal.

Mobilități de instruire pentru coordonatori Erasmus la:

- Universitatea din Orleans, Orleans, Franța, Iunie 2013
- Universitatea din Nicosia, Nicosia, Cipru, Aprilie 2014
- Universitatea Okan, Istanbul, Turcia, Aprilie 2015
- Universitatea Aalto, Espoo, Finlanda, Octombrie 2015

Alte competențe (coordonare specializări, discipline, laboratoare)

- Membru în Comisia de Admitere la Facultatea de Ingineria Lemnului 2003-prezent
- Coordonator e-Learning pe facultate 2009-2012
- Coordonator Erasmus pe facultate 2012-prezent
- Coordonator program de studii Furniture Design, 2017-2021
- Cursuri si laboratoare: Structuri din lemn pentru mobilă; Materiale tradiționale; Structuri rigide pentru IL; Restaurare alte materiale

Data:03.01.2017

Șef Lucrări dr.ing. Emilia-Adela SALCĂ
(Grad didactic, Prenume, Nume)



LISTA COMPLETĂ DE LUCRĂRI

Monografii

1. CISMARU, M., SALCĂ, E.A., POROJAN, M. (2004). Wooden Structures, Editura Universității Transilvania Brașov, 2004, ISBN 973-635-334-6, 148p.
2. SALCĂ, E. (2010). Suport de curs pentru IFR (specializarea IPL) – Structuri din lemn pentru mobilă, DIDIFR, ISBN 978-973-598-590-5, 138p.
3. SALCĂ E.A. (2016). Materiale tradiționale pentru industria lemnului. Editura Universității Transilvania din Brașov, ISBN 978-606-19-0763-2, 105p.

Listă de maxim 10 lucrări relevante pentru realizările profesionale proprii

ISI

1. SALCĂ, E.A., LAURENZI, W., POROJAN, M. (2010). Study upon the roughness of straight milled surfaces made of black alder. In: Proceedings of the 16th International Scientific Conference 2010 under Knowledge-Based Organization KBO 2010, 25-27 November 2010, Sibiu, Romania, ISSN 1843-682X, **ISI Proceedings**, pp. 129-135.
2. SALCĂ, E.A., HIZIROGLU, S. (2014). Evaluation of hardness and surface quality of different wood species as function of heat treatment, **Materials and Design**, Vol.62, 416-423. DOI: 10.1016/j.matdes.2014.05.029.
3. SALCĂ, E.A., GOBAKKEN ROSS, L., GJERDRUM, P. (2015). Progress of discoloration in green, freshly cut veneer sheets of black alder (*Alnus glutinosa* L.) wood, **Wood Material Science and Engineering Journal**, vol 10, No.2, p.178-184. DOI: 10.1080/17480272.2014.929175
4. MUSAT, E. C., SALCĂ, E. A., DINULICA, F., CIOBANU, V. D., and DUMITRASCU, A. E. (2016). Evaluation of color variability of oak veneers for sorting, **BioResources** 11(1), 573-584. DOI:10.15376/biores.11.1.573-584
5. SALCĂ, E.A., KOBORI, H., INAGAKI, T., KOJIMA, Y., SUZUKI, S. (2016). Effect of heat treatment on colour changes of black alder and beech veneers, **Journal of Wood Science**, 62(4), 297-304. DOI 10.1007/s10086-016-1558-3.
6. SALCĂ, E.A., KRYSTOFIAK, T., LIS, B., MAZELA, B., PROSZYK, S. (2016). Some coating properties of black alder wood as function of varnish type and applications method, **BioResources** 11(3), 7580-7594. DOI:10.15376/biores.11.3.7580-7594.

BDI

7. SALCĂ, E., CISMARU, I. (2010). Research upon alder veneers under visible light influence, **Bulletin of the Transilvania University of Brașov**, vol 3 (52) – 2010. Series II: Forestry-Wood industry-Agricultural Food Engineering, ISSN 2065-2135 (Print), ISSN 2065-2143 (CD-ROM), p.135-142.
8. SALCĂ, E., CISMARU, I. (2011). Colour Changes Evaluation of Freshly Cut Alder Veneers under the Influence of Indoor Sunlight, **PROLigno**, vol 7, No.1, March 2011, ISSN 1841-4737, p.15-24.
9. SALCĂ, E., HIZIROGLU, S. (2012). Analysis of surface roughness of black alder as function of various processing parameters, **PROLigno**, vol 8, No.2, June 2012, ONLINE ISSN 2069-7430, ISSN-L 1841-4737 p.68-79.
10. SALCĂ, E.A. (2015). Optimization of wood milling schedule – a case study. **PROLigno**, vol 11, No.4, December 2015, ONLINE ISSN 2069-7430, ISSN-L1841-4737, p.525-530.

Teza de doctorat: susținere în Septembrie 2008, titlu obținut în Ianuarie 2009

Contribuții la optimizarea prelucrării lemnului de arin prin frezare și șlefuire în vederea valorificării în producția de mobilă

Listă completă de lucrări publicate în reviste de specialitate ISI

1. **SALCĂ, E.A.**, HIZIROGLU, S. (2014). Evaluation of hardness and surface quality of different wood species as function of heat treatment, **Materials and Design**, Vol.62, p.416-423, October, 2014. DOI: 10.1016/j.matdes.2014.05.029.
2. **SALCĂ, E.A.**, GOBAKKEN ROSS, L., GJERDRUM, P. (2015). Progress of discoloration in green, freshly cut veneer sheets of black alder (*Alnus glutinosa* L.) wood, **Wood Material Science and Engineering Journal**, vol 10, No.2, p.178-184. DOI: 10.1080/17480272.2014.929175
3. MUSAT, E. C., **SALCĂ, E. A.**, DINULICA, F., CIOBANU, V. D., DUMITRASCU, A. E. (2016). Evaluation of color variability of oak veneers for sorting, **BioResources** 11(1), 573-584. DOI:10.15376/biores.11.1.573-584.
4. **SALCĂ, E.A.**, KOBORI, H., INAGAKI, T., KOJIMA, Y., SUZUKI, S. (2016). Effect of heat treatment on colour changes of black alder and beech veneers, **Journal of Wood Science**, 62(4), 297-304. DOI 10.1007/s10086-016-1558-3.
5. **SALCĂ, E.A.**, KRYSTOFIAK, T., LIS, B., MAZELA, B., PROSZYK, S. (2016). Some coating properties of black alder wood as function of varnish type and applications method, **BioResources** 11(3), 7580-7594. DOI:10.15376/biores.11.3.7580-7594.

Listă completă de lucrări publicate în Proceedings ISI

1. **SALCĂ, E.A.**, LAURENZI, W., POROJAN, M. (2010). Study upon the roughness of straight milled surfaces made of black alder. In: Proceedings of the 16th International Scientific Conference 2010 under Knowledge-Based Organization KBO 2010, 25-27 November 2010, Sibiu, Romania, ISSN 1843-682X, pp. 129-135.

Listă completă de lucrări publicate în reviste de specialitate BDI

1. **SALCĂ, E.**, CISMARU, I., FOTIN, A. (2007). Effect of Sunlight upon Colour Stability of Alder and Cherry Veneers, **PROLigno**, vol 3, N4, Decembre 2007, ISSN 1841-4737, p.65-71.
2. **SALCĂ, E.**, FOTIN, A., CISMARU, I. (2008). Evaluation of Surface Quality after Profiled Milling of Alder and Birch Wood, **PROLigno**, vol 4, N2, June 2008, ISSN 1841-4737, p.57-68.
3. CISMARU, I., **SALCĂ, E.** (2009). Industrial floorings with repeated modular design, **PROLigno**, vol.5, No.4, December 2009, ISSN 1841-4737, p.25-32.
4. FOTIN, A., CISMARU, I., **SALCĂ, E.A.**, CISMARU, M. (2009). Influence of the Variable Parameters of the Machining Regimes upon the Surface Quality Obtained by Straight Milling, **PROLigno**, vol.5, No.4, December 2009, ISSN 1841-4737, p.53-64.
5. FOTIN, A., CISMARU, I., CISMARU, M., **SALCĂ, E.A.** (2010). Study concerning the Influence of Milling Parameters upon the Surface Quality, **PROLigno**, vol.6, No.1, March 2010, ISSN 1841-4737, p.55-66.
6. **SALCĂ, E.**, CISMARU, I. (2010). Research upon alder veneers under visible light influence, **Bulletin of the Transilvania University of Braşov**, vol 3 (52) – 2010. Series II: Forestry-Wood industry-Agricultural Food Engineering, ISSN 2065-2135 (Print), ISSN 2065-2143 (CD-ROM), p.135-142.
7. **SALCĂ, E.**, CISMARU, I. (2011). Colour Changes Evaluation of Freshly Cut Alder Veneers under the Influence of Indoor Sunlight, **PROLigno**, vol 7, No.1, March 2011, ISSN 1841-4737, p.15-24.
8. POROJAN, M., **SALCĂ, E.** (2011). Research Concerning the Shearing Strength of Black Locust Wood, **PROLigno**, vol 7, No.2, June 2011, ISSN 1841-4737, p.30-38.
9. **SALCĂ, E.**, HIZIROGLU, S. (2012). Analysis of surface roughness of black alder as function of various processing parameters, **PROLigno**, vol 8, No.2, June 2012, ONLINE ISSN 2069-7430, ISSN-L 1841-4737 p.68-79.
10. PEREZ, A., **SALCĂ, E.**, MALDONADO, B. HIZIROGLU, S. (2012). Evaluation of Surface Quality of Medium Density Fibreboard and Particeboard as Function of Weathering, **PROLigno**, vol 8, No.4, December 2012, ONLINE ISSN 2069-7430, ISSN-L1841-4737, p.10-17.
11. AYDIN, I., DEMIRKIR, C., COLAK, S., **SALCĂ, E.A.** (2013). The effect of veneers roughness on bonding and some mechanical properties of plywood, **PROLigno**, vol 9, No.1, March 2013, ONLINE ISSN 2069-7430, ISSN-L1841-4737, p.41-49.
12. **SALCĂ, E., A.** (2015). Optimization of wood milling schedule – a case study. **PROLigno**, vol 11, No.4, December 2015, ONLINE ISSN 2069-7430, ISSN-L1841-4737, p.525-530.

Listă completă de lucrări publicate în Proceedings indexate BDI (CABI/SCOPUS)

1. **SALCĂ, E.A.** (2010). Total roughness of profiled surfaces made of black alder wood. In: Proceedings of the Biennial International Symposium FOREST AND SUSTAINABLE DEVELOPMENT, Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania, 15-16 October 2010. **CABI index**
2. **POROJAN, M.; SALCĂ, E. A., CISMARU, M.** (2010). Experimental Study Concerning the Behaviour of Black Locust Wood to Wear Test (2010). In: Annals of DAAAM for 2010&Proceedings of the 21st International DAAAM Symposium, ISBN 978-3-901509-73-5, ISSN 1726-9679, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2010, p. 1035-1037. **SCOPUS index**
3. **SALCĂ, E. A.** (2012). Outline of the processing roughness evaluated on sanded black alder wood. In: Proceedings of the International Symposium FOREST AND SUSTAINABLE DEVELOPMENT, Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania, October 2012. **CABI index**

Listă completă de lucrări publicate în reviste fără indexare BDI (CNCSIS B+)

1. **LUNGULEASA, A., STOIAN (SALCĂ), E., POROJAN, M.** (2003). Influence of chips upon drying process, Bulletin of the Transilvania University of Braşov, 2003, ISSN 1223-9631.
2. **CISMARU, M; DAKO, T; SALCĂ, E.** (2006). Furniture and Specific Ornaments from Odorheiu Secuiesc Region, PROLigno, vol 2, N 1, martie2006, ISSN 1841-4737, p. 31-40.
3. **ENE, N; SALCĂ, E.** (2006). Contributions to Establishing the Working Capacity of Band Saws used for Beech Logs Conversion. Part 1: Operating conditions and influencing factors, PROLigno, vol 2, N 2, iunie 2006, ISSN 1841-4737, p. 57-62.
4. **ENE, N; SALCĂ, E.** (2006). Contributions to Establishing the Working Capacity of Band Saws Used for Beech Logs Conversion. Part 2: Factors Which Determine the Conversion Capacity, PROLigno, vol 2, N 3, septembrie 2006, ISSN 1841-4737, p. 51-58.
5. **ENE, N; SALCĂ, E.** (2006). Contributions to Establishing the Working Capacity of Band Saws Used for Beech Logs Conversion. Part 3: Relation Used for the Capacity Calculus, PROLigno, vol 2, N 4, decembrie 2006, ISSN 1841-4737, p. 53-61.
6. **SALCĂ, E., FOTIN, A., CISMARU, M.** (2006). Aspects concerning the workability of alder and birch, Bulletin of the Transilvania University of Braşov, vol 13(48).Series A, 2006, ISSN 1223-9631, Published by Transilvania University Press.
7. **MITUCA, C., MITISOR, A., SALCĂ, E.** (2007). MDF veneering optimization, Bulletin of the Transilvania University of Braşov, vol 14(49). Series A, 2007, ISSN1223-9631, Published by Transilvania University Press.
8. **SALCĂ, E., FOTIN, A.** (2007). Colour changes occurred on veneer surfaces under indoor exposure, Bulletin of the Transilvania University of Braşov, vol 14(49). Series A, 2007, ISSN1223-9631, Published by Transilvania University Press.
9. **PETROVICI, V., VARODI, A.M., SALCĂ, E.** (2007). Study upon the Shearing Strength of Gluing Made with Mixed Furan Resin with Furfurylic Alcohol of URELIT FC-2 Type, **PROLigno**, vol. 3, N. 1, March 2007, ISSN 1841-4737, p. 43-53.
10. **FOTIN, A., CISMARU, I., SALCĂ, E.** (2008). Experimental Research Concerning the Power Consumption during the Sanding Process of Birch Wood, **PROLigno**, vol. 4, No.3, September 2008, ISSN 1841-4737, p.37-45.

Listă completă de lucrări publicate la Conferințe Internaționale cu Comitet științific de recenzie

1. **STOIAN (SALCĂ), E., LUNGULEASA, A.** (2002). Density repartition within flake chipboards thickness. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, Transilvania University of Braşov, Romania, Faculty of Wood Industry, 20-22 November 2002, ISBN 973-635-078-9, Editura Universității Transilvania Braşov, p.182-185.
2. **BOIERIU, C., STOIAN (SALCĂ), E., LICA, D.** (2002). Computer assisted selection of adhesives used for solid wood gluing. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, Transilvania University of Braşov, Romania, Faculty of Wood Industry, 20-22 November 2002, ISBN 973-635-078-9, Editura Universității Transilvania Braşov, p.297-300.

3. LUNGULEASA, A., **STOIAN (SALCĂ), E.** (2003). The influence of the wooden chips features on the drying process. In: Proceedings of the 8th International IUFRO Wood Drying Conference, Braşov, Romania, 24-29 August 2003, Transilvania University of Braşov, Faculty of Wood Industry and IUFRO S5.04-06, ISBN 973-635-198-x, Editura Universităţii Transilvania Braşov, p.334-335.
4. GRECU, V., **STOIAN (SALCĂ), E.** (2003). Research regarding the adjusting systems of temperature and humidity for the climatic testing installation of wooden finished products. In: Proceedings of the 8th International IUFRO Wood Drying Conference, Braşov, Romania, 24-29 August 2003, Transilvania University of Braşov, Faculty of Wood Industry and IUFRO S5.04-06, ISBN 973-635-198-x, Editura Universităţii Transilvania Braşov, p.331-333.
5. CISMARU, M., CISMARU, I., CAMPEAN, M., POROJAN, M., FOTIN, A., **SALCĂ, E.** (2004). Direct method for shrinkage determination of veneers. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, ICWSE, 10-12 November 2004, Transilvania University of Braşov, Romania, ISBN 973-635-385-0, Editura Universităţii Transilvania Braşov, 2004, p.36-39.
6. PETROVICI, V., COLCEA, G., CRACIUN, V., SCURTU, E., BORZEA, L., MAIER, C., PIRNUTA, O., **SALCĂ, E.**, POPARAD, A. (2004). Considerations regarding the new types of urea- and phenol-formaldehyde resins manufactured by SC VIROMET SA Victoria – Romania and used in the wood processing department. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, ICWSE, 10-12 November 2004, Transilvania University of Braşov, Romania, ISBN 973-635-385-0, Editura Universităţii Transilvania Braşov, 2004, p.161-166.
7. POROJAN, M., **SALCĂ, E.**, CISMARU, M. (2004). Gluing shearing strength by compression at BlackLocust (Robinia Pseudacacia L.) wood samples. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, ICWSE, 10-12 November 2004, Transilvania University of Braşov, Romania, ISBN 973-635-385-0, Editura Universităţii Transilvania Braşov, 2004, p.167-169.
8. **SALCĂ, E.**, FOTIN, A., CISMARU, M., CISMARU, I. (2004). Traditional skills of alder and birch. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, ICWSE, 10-12 November 2004, Transilvania University of Braşov, Romania, ISBN 973-635-385-0, Editura Universităţii Transilvania Braşov, 2004, p.190-195.
9. MITISOR, A., **SALCĂ, E.**, GHEMENT, M. (2004). Aspects regarding the veneers deformation during processing. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, ICWSE, 10-12 November 2004, Transilvania University of Braşov, Romania, ISBN 973-635-385-0, Editura Universităţii Transilvania Braşov, 2004, p.248-252.
10. LUNGULEASA, A., **SALCĂ, E.**, FOTIN, A. (2004). The influence of the wood density upon the chipboards technology and their features. In: Proceedings of the International Conference – Wood Science and Engineering in the Third Millenium, ICWSE, 10-12 November 2004, Transilvania University of Braşov, Romania, ISBN 973-635-385-0, Editura Universităţii Transilvania Braşov, 2004, p.339-342.
11. **SALCĂ, E.**, FOTIN, A., CISMARU, M. (2005). Folk-botany and environment. In: Proceedings of the 2nd International Conference on Trends in Environmental Education, EnvEdu 2005, 8-10 September 2005, Braşov, Romania, ISBN 973-635-555-1, Editura Universităţii Transilvania, p.300-305.
12. **SALCĂ, E.** (2006). Web design-ul aplicat în structurarea informaţiei tehnice şi documentare. In: Proceeding-ul Sesiunii de comunicări ştiinţifice cu participare internaţională „Terra Dacica – România Mileniului Trei”, Academia Forţelor Aeriene „Henri Coandă”, 5-6 May 2006, Braşov, ISSN 1453-0139.
13. **SALCĂ, E.** (2006). Considerations regarding alder wood workability. In: Proceedings of the International Conference on Technology and Quality for Sustained Development TQSD06, University Politehnica of Bucharest, Materials Technology and Welding Department, May 2006, Bucharest, ISBN 973-720-035-7, p. 243-246.
14. **SALCĂ, E.**, FOTIN, A., CISMARU, M. (2006). Therapy of trees - a natural gift. In: Proceedings of the Biennial International Symposium „Forest and Sustainable Development”, Facultatea de Silvicultură şi Exploatare Forestiere, Universitatea Transilvania Braşov, 27 October 2006, Braşov, Editura Universităţii Transilvania Braşov 2007, p.271-276.
15. FOTIN, A., **SALCĂ, E.**, CISMARU, M. (2006). Survey upon some non-industrial uses of birch. In: Proceedings of the Biennial International Symposium „Forest and Sustainable Development”, Facultatea de Silvicultură şi Exploatare Forestiere, Universitatea Transilvania Braşov, 27 October 2006, Braşov, Editura Universităţii Transilvania Braşov 2007, p.277-282.

16. **SALCĂ, E., CISMARU, I.** (2006). Alder wood - a secondary resource of high potential of use. In: Proceedings of the International Postgraduates Students Conference „Contemporary State and Development Trends of Forests in Cultural Landscape”, Faculty of Forestry and Wood Technology, Mendel University of Agriculture and Forestry, Brno, Czech Republic, 22-24 November 2006, ISBN 80-7375-000-7, p. 137-144.
17. **SALCĂ, E., FOTIN, A., CISMARU, M.** (2006). Aspects regarding the life cycle of twig furniture. In: Proceedings of the International Conference „Research for Furniture Industry”, Faculty of Wood Technology, Agricultural University, Poznan, Poland, 24 November 2006, ISBN 978-83-89887-89-4, p. 67-72
18. **CISMARU, M., SALCĂ, E., FOTIN, A.** (2006). Painted ornaments specific to Szekler furniture. In: Proceedings of the International Conference „Research for Furniture Industry”, Faculty of Wood Technology, Agricultural University, Poznan, Poland, 24 November 2006, ISBN 978-83-89887-89-4, p. 73-78
19. **CISMARU, M., FOTIN, A., SALCĂ, E.** (2006). Specific furniture from Odorheiu Secuiesc Region. In: Proceedings of the International Conference „Research for Furniture Industry”, Faculty of Wood Technology, Agricultural University, Poznan, Poland, 24 November 2006, ISBN 978-83-89887-89-4, p. 79-86
20. **PETROVICI, V., VARODI, A.M., SALCĂ, E.** (2007). Research studies regarding the gelation of mixed furan resins with furfurylic alcohol of FR-3 URELIT type and FR-9 URELIT type at the environment temperature. In: Proceedings of the International Conference BRAMAT 2007, ISSN 1223-9631.
21. **FOTIN, A., SALCĂ, E., CISMARU, I.** (2007). Overview upon drying discolorations specific to birch wood. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 20-22 June 2007, ISBN 1843-2689, p. 142-147.
22. **FOTIN, A., SALCĂ, E., CISMARU, I.** (2007). Considerations regarding birch forestry. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 20-22 June 2007, ISBN 1843-2689, p. 40-46.
23. **CISMARU, M., CISMARU, I., CAMPEAN, M., SALCĂ, E.** (2007). Theoretical and experimental study concerning the veneered panels deformation. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 20-22 June 2007, ISBN 1843-2689, p. 303-307.
24. **URDEA, S., PETROVICI, V., SALCĂ, E.** (2007). Study concerning the influence of thickness, temperature and boards pack configuration upon the formaldehyde emission of plywood determined through the flask method. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 20-22 June 2007, ISBN 1843-2689, p. 371-379.
25. **VARODI, A., PETROVICI, V., SALCĂ, E.** (2007). Research studies concerning the jellification and the gluing shearing strength of the mixed furan resin with furfurylic alcohol of FC-2 URELIT type in mixture with the urea resin of R URELIT type. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 20-22 June 2007, ISBN 1843-2689, p. 203-213.
26. **PETROVICI, V., VARODI, A.M., SALCĂ, E.** (2007). Study upon the gluing shearing strength of some adhesive compounds based on the mixed furan resin with furfurylic alcohol of FC-2 URELIT type. In: Proceedings of the International IUFRO Conference, IUFRO All Division 5, Taipei, October 2007.
27. **SALCĂ, E.** (2009). Discoloration of veneers under natural sunlight exposure. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 4-6 June 2009, ISSN 1843-2689, Editura Universității Transilvania Brașov, p.58-63.
28. **FOTIN, A., SALCĂ, E., CISMARU, I., CISMARU, M.** (2009). Variation of power consumption during sanding birch wood on wide belt sander. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 4-6 June 2009, ISSN 1843-2689, Editura Universității Transilvania Brașov, p.226-232.
29. **CISMARU, I., SALCĂ, E.** (2009). Industrial floorings produced under modular system. In: Proceedings of the Ist edition of International Symposium: Floorings-materials, technology and education, Dr.Iuga de Saliste Foundation, September 2009, Brasov, Transilvania University Brasov.

30. SALCĂ, E.A., CISMARU, M. (2010). Comparative study on veneers discoloration. In: Proceedings of the 12th International Conference of Scientific Papers AFASES 2010, Henri Coanda Air Force Academy, Brasov, Romania, 27-29 May 2010, ISBN 978-973-8415-76-8.
31. SALCĂ, E.A., CISMARU, M. (2010). Review over hand-crafted wood. In: Proceedings of the 12th International Conference of Scientific Papers AFASES 2010, Henri Coanda Air Force Academy, Brasov, Romania, 27-29 May 2010, ISBN 978-973-8415-76-8.
32. SALCĂ, E. A., CISMARU, I., LAURENZI, W. (2011). Evaluation of final roughness on longitudinal profiled surfaces of black alder wood. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 3-5 November 2011, ISSN 1843-2689, Editura Universității Transilvania Braşov, p.211-216.
33. SALCĂ, E. A. (2011). Study upon the colour changes of freshly cut and thermally treated black alder veneers under sunlight and dark indoor exposure. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 3-5 November 2011, ISSN 1843-2689, Editura Universității Transilvania Braşov, p.420-426.
34. SALCĂ, E.A., BUDĂU, G. (2012). Review upon the colour stability of black alder veneers under sunlight influence. In: Book of Abstracts of the 1st Workshop Basics for Chemistry of Wood Surface Modification, Kuchl-Salzburg, Austria, April 25-27 2012, ISBN 978-3-200-02623-0, p.93-95.
35. SALCĂ, E. A., CISMARU, I. (2012). Roughness of black alder wood surfaces after milling and sanding. In: Proceedings of the 5th Conference on Hardwood Research and Utilization in Europe 2012, *Hardwood Science and Technology*, Sopron, Hungary, 10-11 September 2012, ISBN 978-963-9883-97-0, p.159-169.
36. GARCIA PEREZ, A., SALCĂ, E.A., MALDONADO, B., HIZIROGLU, S. (2013). Evaluation of surface quality of wood composites as function of weathering. In: Book of Abstracts of the COST Action FP0904 Conference “Evaluation, processing and predicting of THM treated wood behaviour by experimental and numerical methods”, PPIMC, Iasi, Romania, 9-11 April 2013, ISBN 978-973-702-990-4, p. 81-82.
37. SALCĂ, E. A. (2013). Evaluation of discolorations specific to *Alnus glutinosa* caused by air oxidation. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 7-9 November 2013, ISSN 1843-2689, Editura Universității Transilvania Braşov, p.962-967.
38. SALCĂ, E.A., HIZIROGLU, S. (2014). Effect of heat treatment on surface roughness and hardness of black alder (*Alnus glutinosa* L.) wood. In: Book of Abstracts/Proceedings of ECWM7 Lisbon, Portugal, 10-12 March 2014, ISBN 978-972-49-2267-6, p.53.
39. SALCĂ, E.A., HIZIROGLU, S. (2014). Evaluation of hardness and roughness of heat treated wood species. In: Book of Abstracts of Final COST Action FP0904 Conference, Skelleftea, Sweden, 19-21 May 2014, ISBN 978-91-7439-0, p.38-39.
40. SALCĂ, E.A. (2014). Surface quality of black alder wood during longitudinal milling. In: Proceedings of the 3rd International Conference on Processing Technologies for the Forest and Bio-based Products Industries (PTF BPI 2014), Kuchl/Salzburg, Austria, September 24-26 2014, p.637-640.
41. SALCA, E.A. (2015). Overview upon discolorations caused by heat treatment applied to different assortments of black alder. In: Book of Abstracts of the Final COST FP1006 meeting “Advances in modified and functional bio-based surfaces” at the Aristotle University of Thessaloniki, Thessaloniki, Greece, 7-9 April 2015, p. 81-83.
42. SALCĂ, E.A., KOBORI, H., INAGAKI, T., KOJIMA, Y., SUZUKI, S. (2015). Evaluation of heat treated veneers of various wood species. In: Proceedings of ECWM8, Helsinki, Finland, 26-27 October 2015, p.83-87.
43. KOBORI, H., SALCĂ, E.A., INAGACHI, T., KOJIMA, Y., SUZUKI, S. (2015). Investigation of heat treatment on wood veneers by NIR spectroscopy. Poster presented at the 17th International Conference on Near Infrared Spectroscopy NIR 2015, Foz do iguassu, Brasil, 18-23 October 2015.
44. SALCĂ, E.A. (2015). Optimization of wood milling schedule – a case study. In: Proceedings of the International Conference „Wood Science and Engineering in the Third Millennium”, Faculty of Wood Industry, Transilvania University of Brasov, 5-7 November 2015.
45. SALCĂ, E.A., KOBORI, H., INAGAKI, T., SUZUKI, S., HIZIROGLU, S. (2016). Evaluation of heat treated black alder wood by FT-NIR. In: Book of Abstracts of the 2nd edition Workshop NIR & WOOD – SOUNDS GOOD! Application of NIR spectroscopy in wood science and technology, San Michele all’Adige (TN), Italy, 19-21 April 2016, ISBN 978-88-941153-0-7 p.51-52.

46. **SALCĂ, E.A., KRYSTOFIAK, T., LIS, B.** (2016). Adhesion strength and glossiness of coated surfaces made of alder wood as function of their surface roughness. In: Book of Abstracts of the **HYGROTHERMAL PERFORMANCE OF BUILDINGS AND THEIR MATERIALS** Joint Conference: COST Action FP 1303 „Performance bio-based building materials” & DURAWOOD Project „Superior bio-friendly systems for enhanced wood durability”, Poznan, Poland, 30-31 August 2016, p.31-32.
47. **SALCĂ, E.A., HIZIROGLU, S.** (2016). Evaluation of hardness and of heat treated yellow poplar wood. In: Book of Abstracts of the COST Action FP1407 2nd Conference „Innovative production technologies and increased wood products recycling and reuse”, Brno, Czech Republic, 29-30 September 2016, ISBN 978-80-7509-429-2, p.85-86.
48. **BOGDAN, I., MUSAT, E.C., SALCĂ, E.A., SCRIBA, C., CIOBANU, V.D.** (2016). Evaluation of selected mechanical properties of willow wood. In: Book of Abstracts of the International Symposium "Forest and Sustainable Development" Braşov, Romania 7-8 October, 2016.
49. **SALCĂ, E.A., BEKHTA, P.** (2016). Influence of veneer densification upon the process of plywood production. In: Book of Abstracts of the 13th Pacific Rim Bio-Based Composites Symposium “Bio-Based composites for a sustainable future”, Concepcion, Chile, 13-15 November 2016, p.98.
50. **LYUTYY, P., BEKHTA, P., SALCĂ, E.A.** (2016). Composite panels made from Tetra-Pak and polyethylene waste materials. In: Book of Abstracts of the 13th Pacific Rim Bio-Based Composites Symposium “Bio-Based composites for a sustainable future”, Concepcion, Chile, 13-15 November 2016, p.84.
51. **KOZAK, R., BEKHTA, P., SALCĂ, E.A.** (2016). Wood-straw composites bonded with urea formaldehyde glue modified by ethanol. In: Proceedings of the 13th Pacific Rim Bio-Based Composites Symposium “Bio-Based composites for a sustainable future”, Concepcion, Chile, 13-15 November 2016, p.62-65.

Listă completă de lucrări publicate în volumele conferințelor naționale de specialitate

1. **LUNGULEASA, A., SALCĂ, E., GRECU, V.** (2003). Experimentări referitoare la utilizarea radiațiilor infraroșii pentru uscarea lemnului. In: Proceedings, Conferința Națională – Știința și Ingineria Lemnului în Mileniul III, Universitatea Transilvania Braşov, Facultatea de Industria Lemnului, 20-21 Noiembrie 2003, ISBN 973-635-230-7, Editura Universității Transilvania Braşov, p.114-117.
2. **PETROVICI, V., AGACHE, C., SALCĂ, E., BOIERIU, C., BARSAN, S., TAPU, B.,** (2003). Cercetări privind variația absorbției, umflării lineare și volumice a lemnului de fag la tratarea prin imersie cu soluții de uree. In: Proceedings, Conferința Națională – Știința și Ingineria Lemnului în Mileniul III, Universitatea Transilvania Braşov, Facultatea de Industria Lemnului, 20-21 Noiembrie 2003, ISBN 973-635-230-7, Editura Universității Transilvania Braşov.
3. **CISMARU, M., FOTIN, A., SALCĂ, E., BUTU, R.** (2005). Variația în timp a momentului de strângere a șuruburilor, la îmbinările cu accesorii pentru cadre cu picioare. In: Proceedings, Conferința Națională Știința și Ingineria Lemnului în Mileniul III, Braşov, 4-5 Noiembrie 2005, Universitatea Transilvania Braşov, Facultatea de Industria Lemnului, Buletinul Conferinței ISBN 973-635-599-3, Editura Universității Transilvania Braşov, p.37-40.
4. **PETROVICI, V., SALCĂ, E., GURAU, L., VARODI, M., SCURTU, E., BORZEA, I., MAIER, C.** (2005). Noi aspecte privind caracterizarea unor rășini furanice cu întărire la rece fabricate în România. In: Proceedings, Conferința Națională Știința și Ingineria Lemnului în Mileniul III, Braşov, 4-5 Noiembrie 2005, Universitatea Transilvania Braşov, Facultatea de Industria Lemnului, Buletinul Conferinței ISBN 973-635-599-3, Editura Universității Transilvania Braşov, p. 149-158.
5. **SALCĂ, E.** (2005). Considerații silviculturale asupra arinului. In: Proceedings, Conferința Națională Știința și Ingineria Lemnului în Mileniul III, Braşov, 4-5 Noiembrie 2005, Universitatea Transilvania Braşov, Facultatea de Industria Lemnului, Buletinul Conferinței ISBN 973-635-599-3, Editura Universității Transilvania Braşov, p. 216-221.
6. **SALCĂ, E., FOTIN, A., CISMARU, M.** (2005). Studiu asupra ciclului de viață al produselor. In: Proceedings, Conferința Națională – Cercetare- Dezvoltare în domeniul lemnului, București, 16-17 Iunie 2005, Buletinul Conferinței, ISBN 973-635-521-7, Editura Universității Transilvania Braşov, p.311-315.

Șef Lucrări Dr. Ing. Salcă Emilia-Adela

