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Karriera / Arsimi

2019 e ne vazhdim	Lektor
2010 – 2019	Doktoraturë/ PhD
2010 – 2019	Programues 5 axis CNC dhe projektim/prodhim mobiljesh
2008 – 2010	Master “Teknologji Druri”
2005 – 2008	Diplomë Bachelor në “Teknologji Druri”

Fokusi i Kërkimit Shkencor

- Trajtimi termik i drurit
- Qendrueshmeria natyrale e drurit
- Ashpersia e sipërfaqes
- Qendrueshmeria e lidhjeve prej druri

Fokusi në Mësimdhënie

- Prodhimi i mobiljeve
- Modelim 3d
- Makina CNC

Publikime

- Kola E, Vejsiu I, Çota H, Lato E, Quku D, Beqo S, Ago A, Thoma H “Effects of heat treatment on the bending resistance of *fagus sylvatica* r and *pinus sylvestris* l, an environmentally friendly technology: a case study”, IJEES, Volume 15, issue 5, 2025
- Vejsiu, I., & Kola, E. Circular economy toward a sustainable concept in the wood processing sector in Albania. Advanced Engineering Science, 4, page numbers. Mersin University, Turkey, 2024
- Kola E, Vejsiu I, Cota H, Thoma H, Impact of feeding speed on the surface roughness of wooden material, Conference: 13th International Scientific Conference on Manufacturing Engineering DEVELOPMENT AND MODERNIZATION OF THE MANUFACTURING At: Bihac, Bosnje and Herzegovina, February 2024
- Kola E, Vejsiu I, Thoma H, Lato E The coefficient of utilization of wooden panels for furniture production with cnc machines ICOALS 4 November 2023

- Ymeri Y, Kola E, Beqo S, Thoma H Assessment of surface roughness and dimensional stability in some species of thermally treated woods. Promoligno, Romania 2022
- Thoma, H., Peri, L., Lato, E. Quku, D. dhe Kola, E. (2013): Impact of species characteristics in the roughness of wood surface. Poster presented at the 3rd International Conference of Ecosystems (ICE2013). Tirana, June 2013.
- Thoma, H., Peri, L., Myteberi, I., Kola, E. dhe Hajnaj, D. (2013): Study of repair alternative techniques of rafter-tie beam in conventional timber trusses. Poster presented at the 3rd International Conference of Ecosystems (ICE2013). Tirana, June 2013.
- Thoma, H., Peri, L., Grepcka, A. dhe Kola E. (2013): Structural calculation of white fir timber trusses and structural timber. Poster presented at the 3rd International Conference of Ecosystems (ICE2013). Tirana, June 2013.
- Thoma, H., Peri, L., Lato, E., Quku, D. dhe Kola, E. (2013): Effects of visual strength grading of white fir sawn timber on some mechanical properties. Paper presented at the International Conference on Innovation, Documentation and Teaching Technologies. Organizuar nga Universitat Politecnica de Valencia, May 2013.
- Thoma, H., Peri L., Lato, dhe E. Kola, E. (2013): Increasing the efficiency of wood raw material using CNC equipment in wood processing industry. Poster presented at the International Conference 2013, “Wood Technology and Product Design”. Organized by the Faculty of Design and Technologies of Furniture and Interior, Skopje. Ohrid, May 2013.
- Thoma, H., Peri, L., Kola, E. (2012): Study of the mechanical properties of beech wood according to ISO norm 3787. Poster presented at the 9-th International Conference “Standardization, prototypes and quality: a means of Balkan countries cooperation”. Organizuar nga Albanian Organization for Quality. Tirana, 5 – 6 October 2012
- Thoma, H., Peri, L., Hajnaj, D., Kola, E. (2012): Vleresimi i aftësisë mbajtëse në konstruksione prej druri. Presentation at the 7th International Meeting of Albshkenca Institute (IASH). Skopje, 29-31 August 2012.
- Kola, E., Peri, L. (2012): Timber frames, norms and criteria for structural calculation. Presentation at the 7th International Meeting of Albshkenca Institute (IASH). Skopje, 29-31 August 2012.
- Thoma, H., Kola, E., Peri, L., Ymeri M. (2013): Improving time efficiency using CNC equipments in wood processing industry. International Journal of Current Engineering and Technology, Vol. 3/2, 666-671 p.
- Kola, E., Thoma, H., Peri, L. (2013): Modeling of constitutive behavior of white fir timber trusses .International journal of ecosystems and ecology science. Vol.3/3, 601-606 p. (2013).
- Hajnaj, D., Thoma, H., Peri, L., Kola, E. (2013): Assessment of alternative repair techniques of rafter-tie beam connections. International journal of ecosystems and ecology science. Vol.3/3, 595-600 p. (2013).
- Kola E, Thoma H, (2018) Strength of t-joints in wooden constructions, Albanian j. agric. sci. 2018; (Special edition – Proceedings of ICOALS, 2018)
- Kola E, Thoma H, Peri L, (2013) Modeling of constitutive behavior of white fir timber trusses, International Journal of Ecosystems and Ecology Sciences (IJEES) Vol. 3 (3): 601-606 (2013)
- Thoma, H., Kola, E. Monografi, “Konstruksione Druri”, 2013, ISBN 978-9928-174-07-6

Numri total i publikimeve: 19

 Google Scholar: <https://scholar.google.com/citations?user=37w77IcAAAAJ&hl=en>

 ResearchGate: https://www.researchgate.net/profile/Erald-Kola?ev=hdr_xprf

 ORCID iD: **0009-0003-4333-7295**

(Listoni maksimumi 10 nga publikimet tuaja më të rëndësishme).

- Kola E, Vejsiu I, Çota H, Lato E, Quku D, Beqo S, Ago A, Thoma H “**Effects of heat treatment on the bending resistance of *fagus sylvatica* r and *pinus sylvestris* l, an environmentally friendly technology: a case study**”, IJEES, Volume 15, issue 5, 2025
- Vejsiu, I., & Kola, E. **Circular economy toward a sustainable concept in the wood processing sector in Albania**. Advanced Engineering Science, 4, page numbers. Mersin University, Turkey, 2024
- Kola E, Vejsiu I, Cota H, Thoma H, **Impact of feeding speed on the surface roughness of wooden material**, Conference: 13th International Scientific Conference on Manufacturing Engineering DEVELOPMENT AND MODERNIZATION OF THE MANUFACTURING At: Bihac, Bosnje and Herzegovina, February 2024
- Kola E, Vejsiu I, Thoma H, Lato E **The coefficient of utilization of wooden panels for furniture production with cnc machines** ICOALS 4 November 2023
- Ymeri Y, Kola E, Beqo S, Thoma H **Assessment of surface roughness and dimensional stability in some species of thermally treated woods**. Promoligno, Romania 2022
- Thoma, H., Kola, E., Peri, L., Ymeri M. (2013): **Improving time efficiency using CNC equipments in wood processing industry**. International Journal of Current Engineering and Technology, Vol. 3/2, 666-671 p.
- Kola, E., Thoma, H., Peri, L. (2013): **Modeling of constitutive behavior of white fir timber trusses** .International journal of ecosystems and ecology science. Vol.3/3, 601-606 p. (2013).