

Assessment of strength and stiffness properties of aged structural timber

Kauniste, Maarja; Just, Alar; Tuhkanen, Eero 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 170-171 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>
https://www.ester.ee/record=b5668645*est

Assessment on strength and stiffness properties of aged structural timber

Kauniste, Maarja; Just, Alar; Tuhkanen, Eero; Kalamees, Targo Journal of sustainable architecture and civil engineering 2024 / p. 62-74 <https://doi.org/10.5755/j01.sace.34.1.35534> [Journal metrics at Scopus](#) [Article at Scopus](#)

Early experimental investigations on slotted-in steel plate connections with self-perforating dowels in CLT

Tuhkanen, Eero; Ojamaa, Martin Wood material science and engineering Wood material science & engineering 2021 / p. 102-109 : ill <https://doi.org/10.1080/17480272.2019.1626482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of prestressing and temperature on tensile strength of basalt fiber-reinforced plywood

Lõhmus, Rünno; Kallakas, Heikko; Tuhkanen, Eero; Gulik, Volodymyr; Kiisk, Madis; Saal, Kristjan; Kalamees, Targo Materials 2021 / art. 4701, 9 p. : ill <https://doi.org/10.3390/ma14164701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effects of timber species and adhesive type on the behavior of finger joints in tension under fire conditions

Sciomenta, Martina; Vihmann, Jane Liise; Tuhkanen, Eero; Just, Alar; Fragiocomo, Massimo Construction and building materials 2024 / art. 138080 <https://doi.org/10.1016/j.conbuildmat.2024.138080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Embedment strength of cross-laminated timber for dowels in slotted-in steel plate connections

Tuhkanen, Eero; Hübner, Ulrich World Conference on Timber Engineering 2021, WCTE 2021 2021 / art. 174133 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85120756043&origin=inward&txGid=98d5f676d1869d4562b2d59b5e6a57e9>

Fiber-reinforced plywood: Increased performance with less raw material

Saal, Kristjan; Kallakas, Heikko; Tuhkanen, Eero; Just, Alar; Rohumaa, Anti; Kers, Jaan; Kalamees, Targo; Lõhmus, Rünno Materials 2024 / art. 3218 <https://doi.org/10.3390/ma17133218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of number of layers on embedment strength of dowel-type connections for glulam and cross-laminated timber

Tuhkanen, Eero; Mölder, Joosep; Schickhofer, Gerhard Engineering structures 2018 / p. 361-368 : ill <https://doi.org/10.1016/j.engstruct.2018.09.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Popularization of timber structures in Estonia

Tuhkanen, Eero Proceedings of the 1st Eastern Europe Conference on Timber Constructions : (EECTC-2018), O.M. Beketov National University of Urban Economy in Kharkiv, Ukraine 7-8 June 2018 2018 / p. 78-84 : ill <https://eectc.pro/images/Proceedings%20of%20EECTC-2018.pdf>

Potential of cross-laminated timber for independent shear wall systems

Tuhkanen, Eero; Rauk, Lauri Wood material science and engineering 2019 / p. 355-365 : ill <https://doi.org/10.1080/17480272.2019.1638450> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconnect Ukraine – research project on timber connections

Bidakov, Andrii; Jockwer, Robert; Just, Alar; Tuhkanen, Eero; Kochkarev, Dmitrii 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings https://www.ester.ee/record=b5668645*est 2024 / p. 160-168 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>

Slotted-in steel plate connections with dowels in cross-laminated timber shear walls = Sissefreesitud terasplaadiga naagelliited ristkihtliimpuidust jäikusseintes

Tuhkanen, Eero 2021 https://www.ester.ee/record=b5423477*est <https://digikogu.taltech.ee/et/Item/25d2c18f-714e-4116-87c4-c897b2fc5753>
<https://doi.org/10.23658/taltech.20/2021>

Slotted-in steel plate connections with self-perforating dowels in CLT

Tuhkanen, Eero Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 100-101 : ill https://www.ester.ee/record=b5197207*est

TalTechi teadlaste abiga arendatakse Ukrainas uudseid liitetüüpe, mis kiirendavad ehitamist

ari.geenius.ee 2024 [TalTechi teadlaste abiga arendatakse Ukrainas uudseid liitetüüpe, mis kiirendavad ehitamist](#)

Tehnikaülikoolis on uus katseseade, mis võib välja panna Abramsi tanki kaalu

Ehitaja 2023 / lk. 35 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2904596*est

Test methods for determination of design parameters for fasteners

Franke, Steffen; Franke, Bettina; **Tuhkanen, Eero** Design of connections in timber structures : a state-of-the-art report by COST action FP1402/WG3 2018 / p. 33–59 : ill https://www.costfp1402.tum.de/fileadmin/w00btl/www/All_Members/Sandhaas_C._Munch-Andersen_J._Dietsch_P._Design_of_Connections_in_Timber_Structures.pdf

The behavior of toothed-plate connectors under reversed cyclic loading

Tuhkanen, Eero; Öiger, Karl Structures and architecture : concepts, applications and challenges : proceedings of the second International Conference on Structures and Architecture, Guimarães, Portugal, 24-26 July 2013 2013 / p. 2248-2254

Toote tehniline dokumentatsioon (TTD) : ehitusdokumentatsioon. Joonised monteeritavate konstruktsioonide koostamiseks = Technical product documentation (TPD) : construction documentation. Drawings for the assembly of prefabricated structures (ISO 4172:2024)

2024 https://www.ester.ee/record=b5693179*est

Toote tehniline dokumentatsioon (TTD) : ehitusdokumentatsioon. Üld- ja koostejooniste koostamise üldpõhimõtted = Technical product documentation (TPD) : construction documentation. General principles of presentation for general arrangement and assembly drawings (ISO 7519:2024)

2024 https://www.ester.ee/record=b5693528*est