

### **An IoT-based approach to digitalize a manufacturing system**

**Mahmood, Kashif; Otto, Tauno; Karaulova, Tatjana; Ševtšenko, Eduard** 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 257-261 : ill [http://ise.elnet.ee/record=b2950215~S2\\*est](http://ise.elnet.ee/record=b2950215~S2*est)

### **Analüüs uue puidust liginullenergiahoone kuluoptimaalsusest**

**Arumägi, Endrik** Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2021 / Lk. 10 [https://static-pdf.aripaev.ee/QddBW9e\\_Hq41zNz\\_G0UWVGUltE.pdf](https://static-pdf.aripaev.ee/QddBW9e_Hq41zNz_G0UWVGUltE.pdf) [https://www.ester.ee/record=b5223461\\*est](https://www.ester.ee/record=b5223461*est)

### **Automatiseerimise vajadus tuleneb ressursside hinnast**

**Riives, Jüri** Inseneeria 2009 / 10(11), lk. 41-43 : ill [https://artiklid.elnet.ee/record=b1207117\\*est](https://artiklid.elnet.ee/record=b1207117*est)

### **Comparing the methods of A3 and canvas**

**Koskela, Lauri; Broft, Rafaella D.; Pikas, Ergo; Tezel, Algan** Proceedings 28th Annual Conference of the International Group for Lean Construction (IGLC28), Berkeley, California, USA 2020 / p. 13-24 <https://doi.org/10.24928/2020/0136>

### **Continuous improvement of the digital Last Planner System whiteboard**

**Pikas, Ergo; Jaagant, Rasmus; Koskela, Lauri Jaakko** Proceedings of the 33rd Annual Conference of the International Group for Lean Construction (IGLC 33) 2025 / p. 846-856 <https://doi.org/10.24928/2025/0209>

### **Critical success factors of lean thinking implementation in Estonian manufacturing companies = Kulusäästliku mõtlemise rakendamise kriitilised edufaktorid Eesti tootmisettevõtetes**

**Miina, Aleksandr** 2012 [https://www.ester.ee/record=b2906176\\*est](https://www.ester.ee/record=b2906176*est)

### **Critical success factors of lean thinking implementation process : example of Estonian manufacturing companies**

**Miina, Aleksandr; Saat, Maksim; Kolbre, Ene** International business - Baltic business development 2013 / p. 243-264 : ill

### **Cultural and habitual features and the implementation of lean principles in companies : mapping out the research**

**Kristjuhan, Kadri** Proceedings of the Lean Advancement Initiative 5th LA/EdNet Lean Educator Conference : May 19-21, 2010, Daytona Beach, Florida 2010 / LEC-2010-25, [7] p

### **Decision-making tool development for used industrial equipment life cycle evaluation and improvement = Otsustustehnoloogia arendus kasutatud tööstusseadmete elutsükli hindamiseks ja parendamiseks**

**Baškite, Viktoria** 2017 <https://digi.lib.ttu.ee/i/?7672> [https://www.ester.ee/record=b4675749\\*est](https://www.ester.ee/record=b4675749*est)

### **Development of a sustainability-oriented KPI selection model for manufacturing processes**

**Karjust, Kristo; Mehrparvar, Marmar; Kaganski, Sergei; Raamets, Tõnis** Sustainability 2025 / art. 6374 <https://doi.org/10.3390/su17146374>

### **Dynamic management framework for continuous improvement of production processes = Tootmisprotsesside pideva parenduse dünaamiline juhtimisraamistik**

**Sahno, Jevgeni** 2015 [https://www.ester.ee/record=b4484604\\*est](https://www.ester.ee/record=b4484604*est)

### **Epistemological explanation of lean construction**

**Koskela, Lauri; Ferrantelli, Andrea; Niiranen, Jarkko; Pikas, Ergo; Dave, Bhargav** Journal of construction engineering and management 2019 / p. 04018131-1 -04018131-10 [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001597](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001597) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **E-tootmine vähendab kulusid**

**Riives, Jüri; Lõun, Kaia; Otto, Tauno** Ärielu 2008 / 44, lk. 52-53

### **Exploration of lean construction in Japan and its paradoxical stance**

**Shigaki, Jeferson Shin-Iti; Koskela, Lauri Jaakko; Tezel, Algan; Pedo, Barbara** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1219-1231 <https://doi.org/10.24928/2024/0193> [Conference Paper at Scopus](#)

### **Framework for continuous improvement of production processes**

**Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana; Tahera, Khadija** Inžinerine ekonomika = Engineering economics 2015 / p. 169-180 : ill <https://doi.org/10.5755/j01.ee.26.2.6969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Framework for continuous improvement of production processes and product throughput**

**Sahno, Jevgeni; Ševtšenko, Eduard; Zahharov, Roman** Procedia engineering 2015 / p. 511-519 : ill <https://doi.org/10.1016/j.proeng.2015.01.398> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **High performance workplace design model**

**Lõun, Kaia; Lavin, Jaak; Riives, Jüri; Otto, Tauno** Estonian journal of engineering 2013 / p. 47-61 : ill  
[https://artiklid.elnet.ee/record=b2605340\\*est](https://artiklid.elnet.ee/record=b2605340*est) <https://doi.org/10.3176/eng.2013.1.05> [Article at Scopus](#)

### **How Research Can Help Transform the Construction Industry**

Gehbauer, Fritz; Ballard, Glenn; **Leonova, Margarita** 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 1 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 293-330 <https://doi.org/10.24928/2017/0240> [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_1.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_1.pdf)

### **Ideas on implementing lean manufacturing in Estonia - critical success factors [Electronic resource]**

**Miina, Aleksandr** Proceedings of the 15th International Annual EurOMA Conference : Groningen (The Netherlands), June 15-18, 2008 2008 / ? p. [CD-ROM]

### **Improving building design processes and design management practices: A case study**

**Pikas, Ergo**; Koskela, Lauri; Seppänen, Olli Sustainability 2020 / 18 p. : ill <https://doi.org/10.3390/su12030911>

### **Jidoka - nõutud kvaliteet juba esimese korraga**

**Miina, Aleksandr** Inseneeria 2009 / 4(12), lk. 38-40 : ill [https://artiklid.elnet.ee/record=b1446854\\*est](https://artiklid.elnet.ee/record=b1446854*est)

### **Kavand ja selle kriitiline hindamine**

**Komendant, August** Betoonist võlutud : ehitusinsener August Komendant 2022 / lk. 31-36 [https://www.ester.ee/record=b5491317\\*est](https://www.ester.ee/record=b5491317*est)

### **Kulusäästlik tootmine - mündi teine pool**

**Miina, Aleksandr** Äripäev 2007 / 3. okt., Tööstus, lk. 12-13

### **Kulusäästliku filosoofia idee**

**Miina, Aleksandr** Inseneeria 2009 / 10(11), lk. 26-29 : ill [https://artiklid.elnet.ee/record=b1206905\\*est](https://artiklid.elnet.ee/record=b1206905*est)

### **Kulusäästliku mõtlemise praktiline külg**

**Miina, Aleksandr** Inseneeria 2009 / 9(17), lk. 30-33 : ill [https://artiklid.elnet.ee/record=b1501210\\*est](https://artiklid.elnet.ee/record=b1501210*est)

### **Kulusäästliku mõtlemise rakendamise kriitilised edufaktorid Eesti tootmisettevõtetes**

**Miina, Aleksandr** Inseneeria 2014 / lk. 30-31 : ill [https://artiklid.elnet.ee/record=b2654836\\*est](https://artiklid.elnet.ee/record=b2654836*est)

### **Lean as universal approach : false or true?**

**Miina, Aleksandr** Management 2013 / p. 292-303 : ill

### **Lean in universities: assessing practicality across university functions**

**Kristjuhan-Ling, Kadri; Mahmood, Kashif** Proceedings of the Estonian Academy of Sciences 2025 / p. 160-164  
<https://doi.org/10.3176/proc.2025.2.14> <http://https://kirj.ee/proceedings-of-the-estonian-academy-of-sciences-publications/?filter%5Byear%5D=2025&filter%5Bissue%5D=1821&filter%5Bpublication%5D=16483&v=a57b8491d1d8>

### **Lean intrapreneurship for networked manufacturing enterprises**

**Atari Jabar Zadeh, Sina; Prause, Gunnar Klaus** Journal of Entrepreneurship and Innovation in Emerging Economies 2019 / p. 10-21 : ill <https://doi.org/10.1177/2393957518815288> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Lean product development in Estonian SMEs**

**Tähemaa, Toivo; Temerbulatova, Anna; Karjust, Kristo** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 603-608 : ill

### **Lean production, its related production management approaches and other contemporaries**

**Kristjuhan, Kadri** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 370-374

### **Lean-tootmise järgmised sammud**

**Miina, Aleksandr** Inseneeria 2008 / 7, lk. 22-25 : ill [https://artiklid.elnet.ee/record=b2057870\\*est](https://artiklid.elnet.ee/record=b2057870*est)

### **On sustainable production networks for Industry 4.0**

**Prause, Gunnar Klaus; Atari Jabar Zadeh, Sina** Journal of entrepreneurship and sustainability issues 2017 / p. 421-431 : ill  
[http://dx.doi.org/10.9770/jesi.2017.4.4\(2\)](http://dx.doi.org/10.9770/jesi.2017.4.4(2))

### **Optimizing the processing of shellfish (Mytilus edulis and M. trossulus Hybrid) biomass cultivated in the Low Salinity Region of the Baltic Sea for the extraction of meat and proteins**

**Adler, Indrek; Kotta, Jonne**; Tuvikene, Rando; Kaldre, Katrin Applied sciences 2022 / art. 5163, 11 p. : ill  
<https://doi.org/10.3390/app12105163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Performance aspects of lean manufacturing in the context of intrapreneurship**

**Atari Jabar Zadeh, Sina; Prause, Gunnar Klaus** 15th International Entrepreneurship Forum (IEF) Conference : Venice, Italy, 14-16 December, 2016 : conference proceedings. Vol. 2, Research and reflective papers 2016 / p. 11-19  
[https://www.essex.ac.uk/conferences/ief/documents/15th/conference\\_proceedings\\_vol2.pdf](https://www.essex.ac.uk/conferences/ief/documents/15th/conference_proceedings_vol2.pdf)

### **Productivity improvement by implementing lean production approach**

**Mahmood, Kashif** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 183-188 : ill

### **Productivity improvement by implementing lean production approach**

**Mahmood, Kashif; Ševtšenko, Eduard** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 45-51 : ill

### **Research and development of improved value stream mapping methodology for evaluation of demand side management possibilities in the industry sector = Väärtusahela kaardistamise metoodika uurimine ja arendamine tarbimise juhtimise võimaluste hindamiseks tööstussektoris**

**Melsas, Raivo** 2018 <https://digi.lib.ttu.ee/i/?9925> [https://www.ester.ee/record=b5051133\\*est](https://www.ester.ee/record=b5051133*est)

### **Review of lean design management : processes, methods and technologies**

Uusitalo, Petteri; Olivieri, Hylton; Seppänen, Olli; **Pikas, Ergo**; Peltokorpi, Antti 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 571-578 : tab [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf)  
<https://doi.org/10.24928/2017/0224>

### **Samm efektiivsuse poole - väärtusahela kaardistamine**

**Miina, Aleksandr** Äripäev 2007 / 29. aug., Tööstus, lk. 11 <https://www.aripaev.ee/uudised/2007/08/28/samm-efektiivsuse-poole-vaartusahela-kaardistamine>

### **Strategies that can help transform the construction industry**

**Leonova, Margarita**; Ballard, Glenn; Gehbauer, Fritz 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 1 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 333-340 <https://doi.org/10.24928/2017/0241> [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_1.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_1.pdf)

### **Tehisaru - inimesed - robotid : [viienda tööstusrevolutsiooni ootel]**

Alvela, Ain Tehnikamaailm 2025 / lk. 44-48 : ill [https://www.ester.ee/record=b1073050\\*est](https://www.ester.ee/record=b1073050*est)

### **The dual nature of design management**

**Pikas, Ergo**; Koskela, Lauri; Tredal, Niels; Knotten, Vegard; Bølviken, Trond Envolving lean construction towards mature production management across cultures and frontiers : proceedings of the 26th Annual Conference of the International Group for Lean Construction : Volume 1 & 2, July 16th to 22nd 2018, Chennai, India 2018 / p. 647-657 : ill <https://doi.org/10.24928/2018/0537>  
[http://iglc.net/Content/Proceedings/IGLC-2018-Proceedings-Vol1\\_Vol2.pdf](http://iglc.net/Content/Proceedings/IGLC-2018-Proceedings-Vol1_Vol2.pdf)

### **Timmitud ehituse seminaril kohtus teooria praktikaga**

**Pikas, Ergo** Ehitaja 2013 / lk. 20, 22 : ill [https://artiklid.elnet.ee/record=b2609925\\*est](https://artiklid.elnet.ee/record=b2609925*est)

### **Timmitud kriitika : [juhtkirj]**

**Strandberg, Marek** Inseneeria 2014 / lk. 4

### **Tootmiskorralduse tähtsamad aspektid**

**Miina, Aleksandr** Inseneeria 2012 / lk. 36-37 [https://artiklid.elnet.ee/record=b2551403\\*est](https://artiklid.elnet.ee/record=b2551403*est)

### **Value stream mapping as a tool in optimising production logistics. Case: HE Teletechnics**

**Hurt, Ulrika**; Tomba, Andrei; **Koppel, Ott** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 231-236 : ill

### **Workplace performance analysis : methods and a system**

**Lavin, Jaak; Riives, Jüri; Kaganski, Sergei; Lemmik, Rivo; Paavel, Marko**; Koov, Kaspar Proceedings of the Estonian Academy of Sciences 2015 / p. 558-566 : ill [https://artiklid.elnet.ee/record=b2750887\\*est](https://artiklid.elnet.ee/record=b2750887*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Интенсификация обновления швейной продукции**

**Saar, Paul** Экономические проблемы интенсификации производства : тезисы республиканской конференции, Таллин, 6-7 мая 1986 г. II часть 1986 / с. 62-63 [https://www.ester.ee/record=b1225243\\*est](https://www.ester.ee/record=b1225243*est)