

### **Accurate prediction of international trade flows : leveraging knowledge graphs and their embeddings**

Rincon-Yanez, Diego; **Ounoughi, Chahinez; Sellami, Bassem; Kalvet, Tarmo; Tiits, Marek**; Senatore, Sabrina; **Ben Yahia, Sadok** Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p  
<https://doi.org/10.1016/j.jksuci.2023.101789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Andmed tulevikuühiskonnas : andmevabaduse tuleviku uurimissuund : uuring 2022**

Õunapuu, Tauno; Olesk, Maarja; Raun, Merle; Kaldur, Kristjan; **Tiits, Marek**; Tatar, Merit 2022 [https://www.ester.ee/record=b5643049\\*est](https://www.ester.ee/record=b5643049*est)  
<https://www.ibs.ee/wp-content/uploads/Andmed-tulevikuuhiskonnas-2022.pdf>

### **Andmeteadus majanduskasvu otsingul**

**Vaaks, Eveliis** Trialoog 2025 <https://trialoog.taltech.ee/kus-peitub-eesti-majanduskasvu-potentsiaal-andmeteadus-teab-vastust/>

### **At the crossroads of product complexity, market demand, and machine learning**

**Kalvet, Tarmo; Tiits, Marek; Ounoughi, Chahinez; Ben Sassi, Imen; Ben Yahia, Sadok** Management & marketing 2024

### **Catching up, forging ahead or falling behind? Central & Eastern European development in 1990-2005**

**Tiits, Marek; Kattel, Rainer; Kalvet, Tarmo**; Tamm, Dorel Innovation : the European journal of social science research 2008 / 1, p. 65-85 <https://www.tandfonline.com/doi/abs/10.1080/13511610802002254>

### **Cities4ZERO approach to foresight for fostering smart energy transition on municipal level**

Tatar, Merit; **Kalvet, Tarmo; Tiits, Marek** Energies 2020 / art. 3533 <https://doi.org/10.3390/en13143533> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Covid-19 and supply chain issues : the case of the Estonian defence industry**

Piip, Kaarel; Ploom, Illimar; **Kalvet, Tarmo; Tiits, Marek**; Veinla, Markus Sõjateadlane = Estonian journal of military studies 2023 / p. 88-102 : ill [https://www.ester.ee/record=b4555087\\*est](https://www.ester.ee/record=b4555087*est)

### **Defence industries in small European states : key contemporary challenges and opportunities**

Ploom, Illimar; **Kalvet, Tarmo; Tiits, Marek** Journal of international studies 2022 / p. 112-130 <https://doi.org/10.14254/2071-8330.2022/15-4/7> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Eesti majanduse konkurentsivõime ja tulevikuväljavaated : teadus- ja arendustegevuse ja innovatsioonipoliitika ülevaade**

**Tiits, Marek; Kattel, Rainer; Kalvet, Tarmo; Kaarli, Rein** 2003 [https://www.ester.ee/record=b1789451\\*est](https://www.ester.ee/record=b1789451*est)

### **E-teenuste kasutamise tulemuslikkus ja mõju : uuringu aruanne [Võrguteavik]**

2013 <http://www.ibs.ee/e-teenused>

### **Future trends in digital face manipulation and detection**

Tolosana, Ruben; Rathgeb, Christian; Vera-Rodriguez, Ruben; Busch, Christoph; Verdoliva, Luisa; Lyu, Siwei; Nguyen, Huy H.; Yamagishi, Junichi; Echizen, Isao; Rot, Peter; Grm, Klemen; Štruc, Vitomir; Dantcheva, Antitza; Akhtar, Zahid; Romero-Tapiador, Sergio; Fierrez, Julian; Morales, Aythami; Ortega-Garcia, Javier; Kindt, Els; Jasserand, Catherine; **Kalvet, Tarmo; Tiits, Marek** Handbook of digital face manipulation and detection : from deepfakes to morphing attacks 2022 / p. 463-482 : ill  
[https://doi.org/10.1007/978-3-030-87664-7\\_21](https://doi.org/10.1007/978-3-030-87664-7_21)

### **Globalization of RAMPD and economic development : policy lessons from Estonia**

**Tiits, Marek; Kattel, Rainer; Kalvet, Tarmo** Globalization of RAMPD and developing countries : proceedings of an expert meeting : Geneva, 24-26 January 2005 2006 / p. 155-171

### **Harmonization of ePassport and Border Checks in the European Union: Ethical, Social, and Legal Aspects : A summary of the practical implications of the legal, ethical, and social analysis of the FIDELITY project [Online resource]**

Behrensen, Maren; **Kalvet, Tarmo**; Kindt, Els; **Tiits, Marek**; Palm, Elin 2016 [http://www.fidelity-project.eu/media/PUBlications/FIDELITY\\_D2.5\\_White\\_Paper\\_Final.pdf](http://www.fidelity-project.eu/media/PUBlications/FIDELITY_D2.5_White_Paper_Final.pdf)

### **Harnessing graph neural networks to predict international trade flows**

**Sellami, Bassem; Ounoughi, Chahinez; Kalvet, Tarmo; Tiits, Marek**; Rincon-Yanez, Diego Big Data and Cognitive Computing 2024 / art. 65 <https://doi.org/10.3390/bdcc8060065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **High-accuracy prediction of international raw material trade flows using temporal fusion transformer**

Arrar, Djihad; Ounoughi, Chahinez; Kamel, Nadjet; **Kalvet, Tarmo; Tiits, Marek**; Ben Yahia, Sadok International Journal of Data Science and Analytics 2025 / art. 100288 <https://doi.org/10.1007/s41060-025-00781-4> <https://link.springer.com/article/10.1007/s41060-025-00781-4>

### **Identity theft and societal acceptability of electronic identity in Europe and in the United States – survey questionnaire**

**Tiits, Marek; Kalvet, Tarmo** 2022 <https://www.ibs.ee/publikatsioonid/identity-theft-and-societal-acceptability-of-electronic-identity-in-europe-and-in-the-united-states/>

### **Implementing open innovation in catching-up economies : evidence from Estonia's ICT sector**

**Kalvet, Tarmo**; Tiits, Marek Proceedings of the 5th ISPIM Innovation Symposium, Seoul, Korea - 9-12 December 2012 / [13] p.  
: ill [https://www.researchgate.net/publication/235347822\\_Implementing\\_Open\\_Innovation\\_in\\_Catching-up\\_Economies\\_Evidence\\_from\\_Estonia's\\_ICT\\_Sector](https://www.researchgate.net/publication/235347822_Implementing_Open_Innovation_in_Catching-up_Economies_Evidence_from_Estonia's_ICT_Sector)

### **Innovative tools for tourism and cultural tourism impact assessment**

**Kalvet, Tarmo**; Olesk, Maarja; **Tiits, Marek**; **Raun, Janika** Sustainability 2020 / art. 7470, 30 p <https://doi.org/10.3390/SU12187470>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Institutional voids as a trigger for the emergence of born global production and innovation networks**

Barnard, Helena; **Kalvet, Tarmo**; Tiits, Marek International Conference : Entrepreneurship and Innovation as Key Drivers of Regional Development : Ventspils, Latvia, 15-16 July 2013 : conference materials, abstract book 2013 / p. 19

### **Institutional voids as a trigger for the emergence of born global production and innovation networks**

**Kalvet, Tarmo**; Barnard, Helena; Tiits, Marek DRUID papers 2013 / [36] p. : ill

### **Intelligent piggybacking : a foresight policy tool for small catching-up economies**

Tiits, Marek; **Kalvet, Tarmo** International journal of foresight and innovation policy 2013 / p. 253-268  
<https://doi.org/10.1504/IJFIP.2013.058607> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Live enrollment for identity documents in Europe : the cases of Sweden, Norway, Kosovo, and Estonia**

**Kalvet, Tarmo**; Karlzen, Henrik; Hunstad, Amund; Tiits, Marek eJournal of eDemocracy and open government = JeDEM 2018 / p. 53-73 : ill <https://doi.org/10.29379/jedem.v10i2.517>

### **Live enrolment for identity documents in Europe**

**Kalvet, Tarmo**; Karlzén, Henrik; Hunstad, Amund; Tiits, Marek Electronic Government : 17th IFIP WG 8.5 International Conference : EGOV 2018, Krems, Austria, September 3–5, 2018 : proceedings 2018 / p. 29-39 : ill [https://doi.org/10.1007/978-3-319-98690-6\\_3](https://doi.org/10.1007/978-3-319-98690-6_3)  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Made in Estonia**

Tiits, Marek; **Kattel, Rainer**; Kalvet, Tarmo 2005 [https://www.ester.ee/record=b1996478\\*est](https://www.ester.ee/record=b1996478*est)

### **Made in Estonia**

Tiits, Marek; **Kattel, Rainer**; Kalvet, Tarmo 2006 [https://www.ester.ee/record=b2088073\\*est](https://www.ester.ee/record=b2088073*est)

### **Managing risks in public procurement of defense innovation: lessons from the development of an anti-armor mine in Estonia**

Ploom, Illimar; **Kalvet, Tarmo**; Kütt, Raul; Veinla, Markus; **Tiits, Marek** Journal of baltic studies 2024 / 26 p.  
<https://doi.org/10.1080/01629778.2024.2375594> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Marek Tiits: uus kaubanduskord ja selle mõju Eestile**

**Tiits, Marek** err.ee 2025 <https://www.err.ee/1609661981/marek-tiits-uus-kaubanduskord-ja-selle-moju-eestile>

### **Modelling defence industry governance in small states : building an analytical tool**

Ploom, Illimar; **Kalvet, Tarmo**; Tiits, Marek Sõjateadlane = Estonian journal of military studies 2023 / p. 108-122 : ill  
[https://www.ester.ee/record=b4555087\\*est](https://www.ester.ee/record=b4555087*est)

### **Nordic small countries in the global high-tech value chains : the case of telecommunications systems production in Estonia [Electronic resource]**

Tiits, Marek; **Kalvet, Tarmo** 2012 [https://www.researchgate.net/publication/235347973\\_Nordic\\_small\\_countries\\_in\\_the\\_global\\_high-tech\\_value\\_chains\\_the\\_case\\_of\\_telecommunications\\_systems\\_production\\_in\\_Estonia](https://www.researchgate.net/publication/235347973_Nordic_small_countries_in_the_global_high-tech_value_chains_the_case_of_telecommunications_systems_production_in_Estonia)

### **Promises, social, and ethical challenges with biometrics in remote identity onboarding**

Laas-Mikko, Katrin; **Kalvet, Tarmo**; Derevski, Robert; **Tiits, Marek** Handbook of digital face manipulation and detection : from deepfakes to morphing attacks 2022 / p. 437-462 : ill [https://doi.org/10.1007/978-3-030-87664-7\\_20](https://doi.org/10.1007/978-3-030-87664-7_20)

### **Public acceptance of advanced identity documents**

**Kalvet, Tarmo**; Tiits, Marek; Laas-Mikko, Katrin ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 429-432 <https://doi.org/10.1145/3209415.3209456>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Relatedness and Product Complexity Meet Gravity Models of International Trade**

**Tiits, Marek**; **Kalvet, Tarmo**; Ounoughi, Chahinez; Ben Yahia, Sadok Journal of open innovation: technology, market, and complexity 2024 / art. 100288 <https://doi.org/10.1016/j.oiotmc.2024.100288> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Risks and societal implications of identity theft**

**Kalvet, Tarmo**; Tiits, Marek; Ubakivi-Hadachi, Pille Electronic Governance and Open Society : Challenges in Eurasia5th International Conference, EGOSE 2018, St. Petersburg, Russia, November 14–16, 2018 : Revised Selected Papers 2019 / p. 67-81 : ill [https://doi.org/10.1007/978-3-030-13283-5\\_6](https://doi.org/10.1007/978-3-030-13283-5_6) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Small countries facing the technological revolution: fostering synergies between economic complexity and foresight research**

**Tiits, Marek; Karo, Erkki; Kalvet, Tarmo** Competitiveness Review 2024 / 23 p <https://doi.org/10.1108/CR-03-2023-0051>

**Smart specialisation in cohesion economies**

Tiits, Marek; **Kalvet, Tarmo**; **Mürk, Imre** Journal of the knowledge economy 2015 / p. 296-319 : ill <https://doi.org/10.1007/s13132-015-0239-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Social acceptance of ePassports**

Tiits, Marek; **Kalvet, Tarmo**; Laas-Mikko, Katrin BIOSIG 2014 : proceedings of the 13th International Conference of the Biometrics Special Interest Group : 10.-12. September 2014 in Darmstadt, Germany 2014 / p. 15-26 : ill

**Teadmistepõhine Eesti 2010 : kontekst ja poliitikasoovitused**

Tiits, Marek; **Kattel, Rainer**; Kalvet, Tarmo Riigikogu Toimetised 2004 / lk. 31-38

**Technology foresight and the catching-up strategy in small countries : the case of Estonia**

**Tiits, Marek** 2011

**Understanding the demand for retail sustainable finance in Estonia**

Jurkov, Kirill; **Kalvet, Tarmo**; **Tiits, Marek**; Pihelgas, Maris 2025 <https://doi.org/10.23657/s1d1-gm47>  
<https://www.ibs.ee/en/publications/understanding-the-demand-for-retail-sustainable-finance-in-estonia/>

**Маре́к Тийтс: новый торговый порядок и его влияние на Эстонию**

**Tiits, Marek** rus.err.ee 2025 <https://rus.err.ee/1609662200/marek-tijts-novyj-torgovyj-porjadok-i-ego-vlijanie-na-jestoniju>