

A quantity : a simple example of software development with domain analysis

Piho, Gunnar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 73-76 : ill

Anonymization methods of structured health care data : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 175-189 https://doi.org/10.1007/978-3-030-78428-7_14 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Archetype patterns based method of prescribing enterprise software requirements

Piho, Gunnar MIPRO 2007 : Opatia (Croatia), May 21-25, 2007 : proceedings 2007 / p. 236-241

Archetypes and archetype patterns based engineering techniques of domains, requirements and software : the clinical LIMS software factory

Piho, Gunnar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuuseum 2007 / lk. 65-68

Archetypes based development - an historical overview and current results

Piho, Gunnar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 141-144

Archetypes based development from the perspective of domain engineering research topics

Tepandi, Jaak; Piho, Gunnar; Puusep, Viljam MIPRO 2012 : 35th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 21 - 25, 2012, Opatija, Croatia : proceedings 2012 / p. 686-691 : ill <https://ieeexplore.ieee.org/document/6240733>

Archetypes based meta-modeling towards evolutionary, dependable and interoperable healthcare information systems

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; Tammer, Triinu; Parman, Marko; Puusep, Viljam Procedia computer science 2014 / p. 457-464 : ill <https://doi.org/10.1016/j.procs.2014.08.069> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Archetypes based techniques for development of domains, requirements and software : towards LIMS software factory = Arhetüüpidel tuginevad tehnikad valdkondade, nõuete ja tarkvara arendamiseks : LIMS-i tarkvaravabriku näitel

Piho, Gunnar 2011 <https://digi.lib.ttu.ee/ii/?636>

Archetypes based techniques for modelling of business domains, requirements and software

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2 2011 / p. 20-39 : ill <https://dblp.uni-trier.de/rec/conf/ejc/PihoTR11.html>

Archetypes based techniques for modelling of business domains, requirements and software

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Information modelling and knowledge bases XXIII 2012 / p. 219-238 : ill https://www.researchgate.net/publication/289665301_Archetypes_based_techniques_for_modelling_of_business_domains_requirements_and_software

Business archetypes and archetype patterns from the HL7 RIM and openEHR RM perspectives : towards interoperability and evolution of healthcare models and software systems

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; Woerner, Andreas; Parman, Marko Procedia computer science 2015 / p. 553-560 : ill <https://doi.org/10.1016/j.procs.2015.08.384> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business domain modelling with business archetypes and archetype patterns

Piho, Gunnar; Tepandi, Jaak Information Modelling and Knowledge Bases XXIV 2013 / p. 221-240 <https://doi.org/10.3233/978-1-61499-177-9-221> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Characteristics of learning outcomes for integrating work-based learning into the business information technology study program

Murtazin, Kristina; Shvets, Oleg; Meeter, Martijn; Piho, Gunnar 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO), 23-27 May 2022, Opatija, Croatia : proceedings 2022 / p. 1307-1312 <https://doi.org/10.23919/MIPRO55190.2022.9803677>

Comparative Analysis of Clinical Terminology Servers : A Quest for an Improved Solution

Ivanova, Marina; Bossenko, Igor; Piho, Gunnar; Ross, Peeter Digital Economy. Emerging Technologies and Business Innovation. ICDEc 2024 : proceedings 2024 / p. 107–118 https://doi.org/10.1007/978-3-031-76368-7_8

Creation of software platform for distance use of lab equipment and data in Virumaa College at Tallinn University of Technology

Shvets, Oleg; Murtazin, Kristina; Piho, Gunnar 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 1591-1595
<https://doi.org/10.23919/MIPRO48935.2020.9245261>

Curriculum for business information technology studies at BSc and MSc levels - observations from a long-term educational endeavour

Murtazin, Kristina; Shvets, Oleg; Piho, Gunnar Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) : Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / p. 409-418 : ill <https://doi.org/10.1109/EDUCON45650.2020.9125345>

Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings
2021 <https://doi.org/10.1007/978-3-030-92909-1>

Digital health data capture with a controlled natural language

Kankainen, Kristian Juha Ismo; Listenmaa, Inari; **Piho, Gunnar; Ross, Peeter** Caring is sharing – exploiting the value in data for health and innovation : proceedings of MIE 2023 2023 / p. 829 - 830 <https://doi.org/10.3233/SHTI230280> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Distributed ledger-based system to support health data integrity and transparency

Kask, Marten; Piho, Gunnar; Ross, Peeter Digital Health and Informatics Innovations for Sustainable Health Care Systems 2024 / p. 1231 - 1232 <https://doi.org/10.3233/SHTI240633> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Domain analysis with archetype patterns based Zachman framework for enterprise architecture

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Proceedings the 4th International Symposium on Information Technology 2010. Vol. 3, Knowledge Society and System Development and Application : Kuala Lumpur, Malaysia, June 15-17, 2010 2010 / p. 1351-1356
<https://ieeexplore.ieee.org/document/5561641>

Domain engineering for cyber defense: a case study and implications

Tepandi, Jaak; Piho, Gunnar; Liiv, Innar Conference on Cyber Conflict : proceedings 2010 2010 / p. 59-77

A domain-specific framework for supporting semantic interoperability in primary and secondary use of health data on the example of the Estonian National Health Information System = Tervishoiu domeenipõhise semantilise raamistiku loomine terviseandmete esmaseks ja teiseks kasutamiseks Eesti Tervise infosüsteemi näitel

Bossenko, Igor 2025 https://www.ester.ee/record=b5730672*est <https://digikogu.taltech.ee/et/Item/a9944a4a-52e0-483e-9435-c6dc210745de>
<https://doi.org/10.23658/taltech.9/2025>

Eesti keelt toetaks see, kui rohkem Eesti oma inimesi tuleks kraadiõppesse

Vilo, Jaak; **Piho, Gunnar; Leis, Paul;** Vahtra, Katre Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 : fot
<https://dea.digar.ee/article/ak/2021/06/19/2.2>

Evaluating business meta-models for semantic interoperability with FHIR resources

Randmaa, Rainer; Bossenko, Igor; Klementi, Toomas; Piho, Gunnar; Ross, Peeter HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / p. 1-14
https://ceur-ws.org/Vol-3264/HEDA22_paper_5.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

Evaluation of anonymization tools for health data

Vovk, Olga; Piho, Gunnar; Ross, Peeter Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 302–313 https://doi.org/10.1007/978-3-030-87657-9_23 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Evaluation of data quality in the Estonian National Health Information System for digital decision support

Bertl, Markus; Kankainen, Kristian Juha Ismo; Piho, Gunnar; Draheim, Dirk; Ross, Peeter Proceedings of the 3rd International Health Data Workshop (HEDA 2023) co-located with Software Technologies: Applications and Foundations (STAF 2023) : Leicester, United Kingdom, July 21, 2023. Vol. 3440 2023 / paper 1, 13 p. : ill <https://ceur-ws.org/Vol-3440/paper1.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Evaluation of the archetypes based development

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010 2011 / p. 283-295 : ill

Forward and backward compatibility design techniques applying the HL7 FHIR standard

Bossenko, Igor; Piho, Gunnar; Ross, Peeter HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / p. 1-14 https://ceur-ws.org/Vol-3264/HEDA22_paper_14.pdf
[Conference proceedings at Scopus](#) [Article at Scopus](#)

From archetypes based domain model via requirements to software : exemplified by LIMS software factory

Piho, Gunnar; Tepandi, Jaak; Roost, Mart; Parman, Marko; Puusep, Viljam MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings 2011 / p. 570-575 <https://ieeexplore.ieee.org/document/5967120>

From archetypes-based domain model of clinical laboratory to LIMS software

Piho, Gunnar; Tepandi, Jaak; Parman, Marko; Perkins, David MIPRO 2010 : 33rd International Convention on Information and Communication Technology, Electronics and Microelectronics : May 24 - 28, 2010 Opatija, Croatia : proceedings. Vol. Digital Economy 2010 / p. 1179-1184 : ill <https://ieeexplore.ieee.org/document/5533639>

Future opportunities for systematic AI support in healthcare

Bertl, Markus; Piho, Gunnar; Draheim, Dirk; Ross, Peeter; Pechmann, Ludwig; Bucciarelli, Nicholas; **Sharma, Rahul** Bridging the Gap Between AI and Reality : First International Conference, AISoLA 2023, Crete, Greece, October 23–28, 2023, Selected Papers 2024 / p. 203 - 224 https://doi.org/10.1007/978-3-031-73741-1_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Guest Editorial

Jallouli, Rim; Tobji, Mohamed Anis Bach; **Piho, Gunnar;** McHeick, Hamid Journal of Telecommunications and the Digital Economy 2022 / p. 1-5 <https://doi.org/10.18080/jtde.v10n2.590> [Journal metrics at Scopus](#) [Article at Scopus](#)

Gunnar Piho : tehnikaülikoolil on kindlad ülesanded Eesti ees [Võrguväljaanne]

Piho, Gunnar err.ee 2020 / fot [Gunnar Piho: tehnikaülikoolil on kindlad ülesanded Eesti ees](#)

How domain engineering can help to raise adoption rates of artificial intelligence in healthcare

Bertl, Markus; Klementi, Toomas; Piho, Gunnar; Ross, Peeter; Draheim, Dirk Information Integration and Web Intelligence, 25th International Conference, iiWAS 2023, Denpasar, Bali, Indonesia, December 4–6, 2023 : proceedings 2023 / p. 490-504 https://doi.org/10.1007/978-3-031-48316-5_1 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Information systems' self-development as a model of end-user development in networked organizations

Roost, Mart; Piho, Gunnar; Taveter, Kuldar Second International Workshop on EUD4Services Methodologies, Tools, and Evaluations : proceedings 2011

Interoperability of health data using FHIR Mapping Language : transforming HL7 CDA to FHIR with reusable visual components

Bossenko, Igor; Randmaa, Rainer; Piho, Gunnar; Ross, Peeter Frontiers in digital health 2024 / art. 1480600, 25 p. : ill <https://doi.org/10.3389/fdgh.2024.1480600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kuidas koolitada pea ja kätega spetsialiste?

Piho, Gunnar Mente et Manu 2021 / lk. 4-6 : fot https://www.ester.ee/record=b1242496*est

Literature review on work-based learning

Murtazin, Kristina; Shvets, Oleg; Piho, Gunnar 2020 IEEE Frontiers in Education Conference (FIE) 2020 <https://doi.org/10.1109/FIE44824.2020.9274264> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Maintaining data integrity in electronic health records with hyperledger fabric

Kask, Marten; Klementi, Toomas; Piho, Gunnar; Ross, Peeter HEDA 2023: International Health Data Workshop : proceedings of the 3rd International Health Data Workshop (HEDA 2023), co-located with Software Technologies: Applications and Foundations (STAF 2023) : Leicester, United Kingdom, July 21, 2023 2023 <https://ceur-ws.org/Vol-3440/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Methods and tools for healthcare data anonymization : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter International Journal of General Systems 2023 / p. 326-342 : ill <https://doi.org/10.1080/03081079.2023.2173749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Migration from HL7 CDA to FHIR in infectious disease system of Estonia

Bossenko, Igor; Linna, Kerli; Piho, Gunnar; Ross, Peeter Studies in Health Technology and Informatics ; 299 2022 / p. 275-278 <https://doi.org/10.3233/SHTI220998> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Migration from HL7 Clinical Document Architecture (CDA) to Fast Health Interoperability Resources (FHIR) in infectious disease information system of Estonia

Bossenko, Igor; Linna, Kerli; Piho, Gunnar; Ross, Peeter SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 882-885 <https://doi.org/10.1145/3555776.3577836>

Modelling a patient identifier system in the Estonian National Health Information System

Bossenko, Igor; Piho, Gunnar; Ross, Peeter Digital Economy. Emerging Technologies and Business Innovation 9th International Conference on Digital Economy, ICDEc 2024, Rabat, Morocco, May 9–11, 2024, Proceedings, Part II 2024 / p. 132-145 https://doi.org/10.1007/978-3-031-76368-7_10

Preface

Jallouli, Rim; Tobji, Mohamed Anis Bach; Mcheick, Hamid; **Piho, Gunnar** Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. v–vi <https://link.springer.com/content/pdf/bfm:978-3-030-92909-1/1> [Collection metrics at Scopus](#) [Article at Scopus](#)

Preserving decentralized EHR-s integrity

Kask, Marten; Klementi, Toomas; Piho, Gunnar; Ross, Peeter Telehealth ecosystems in practice : proceedings of the EFMI special topic conference 2023 2023 / p. 296 - 297 <https://doi.org/10.3233/SHTI230801>

Prospective research topics towards preserving electronic health records in decentralised content-addressable storage networks

Klementi, Toomas; Kankainen, Kristian Juha Ismo; Piho, Gunnar; Ross, Peeter HEDA 2022 : The International Health Data Workshop HEDA 2022 2022 / code 184051 https://ceur-ws.org/Vol-3264/HEDA22_paper_7.pdf [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Providing feedback for students in E-learning systems : a literature review, based on IEEE Explore Digital Library

Shvets, Oleg; Murtazin, Kristina; Piho, Gunnar Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) : Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / p. 284-289 : ill <https://doi.org/10.1109/EDUCON45650.2020.9125344>

A reference architecture for personal health data spaces using decentralized content-addressable storage networks

Klementi, Toomas; Piho, Gunnar; Ross, Peeter Frontiers in Medicine 2024 / art. 1411013 <https://doi.org/10.3389/fmed.2024.1411013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The reference model for work-based learning analytics

Murtazin, Kristina; Shvets, Oleg; Piho, Gunnar; Meeter, Martijn INTED2023 Proceedings 2023 / p. 4151-4157 <https://doi.org/10.21125/inted.2023.1107>

Student behavior changes in Estonia revealed by e-learning technology

Udal, Andres; Kukk, Vello; Jaanus, Martin; Umbleja, Kadri; Piho, Gunnar Digital Turn in Schools - Research, Policy, Practice : proceedings of ICEM 2018 Conference 2019 / p. 83-90 https://doi.org/10.1007/978-981-13-7361-9_6 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Systematic literature review of methods for maintaining data integrity

Kask, Marten; Piho, Gunnar; Ross, Peeter Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 259–268 https://doi.org/10.1007/978-3-030-87657-9_20 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The Zachman framework for enterprise architecture with archetypes and archetype patterns

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Databases and Information Systems : proceedings of the Ninth International Baltic Conference, Baltic DB&IS 2010 : Riga, Latvia, July 5-7, 2010 2010 / p. 455-470 : ill

Task-based mobile learning ISC-system: built-in Coronavirus immunity confirmed

Udal, Andres; Jaanus, Martin; Piho, Gunnar Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 604-616 https://doi.org/10.1007/978-3-030-68201-9_59 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Techniques to identify, design, and use domain archetypes and archetype patterns

Piho, Gunnar Eleventh Estonian Winter School in Computer Science (EWSCS'06) : Park Hotel Palmse, Lahemaa, Estonia : March 5-10, 2006 2006 / [1] p

Ten years of the e-Health system in Estonia

Metsallik, Janek; Ross, Peeter; Draheim, Dirk; Piho, Gunnar Proceedings of the 3rd International Workshop on (Meta)Modelling for Healthcare Systems : Bergen, Norway, June 13th, 2018 2018 / p. 6-15 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063545781&partnerID=40&md5=f41245c5435512866e6bcbaf5a03ba85> <http://ceur-ws.org/Vol-2336/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

TermX: a game changer in the healthcare interoperability

Bossenko, Igor; Piho, Gunnar; Ross, Peeter Digital Health and Informatics Innovations for Sustainable Health Care Systems 2024 / p. 88–89 : ill <https://doi.org/10.3233/SHTI240352> [Conference proceedings at Scopus](#) [Article at Scopus](#)

TermX: The semantic interoperability, knowledge management and sharing platform

Bossenko, Igor; Piho, Gunnar; Ivanova, Marina; Ross, Peeter SoftwareX 2024 / art. 101839, 7 p. : ill <https://doi.org/10.1016/j.softx.2024.101839> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TermX—bridging the Gap: implementing CTS2 and FHIR compatible terminology server

Ivanova, Marina; Bossenko, Igor; Piho, Gunnar Proceedings of Ninth International Congress on Information and Communication Technology, ICICT 2024, London. Volume 1 2024 / p. 277-287 : ill https://doi.org/10.1007/978-981-97-4581-4_20 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Test driven domain modelling

Piho, Gunnar; Tepandi, Jaak; Parman, Marko; Puusep, Viljam; Roost, Mart MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings 2011 / p. 576-581 <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5967121>

The data quality framework for the Estonian public sector and its evaluation : establishing a systematic process-oriented viewpoint on cross-organizational data quality

Tepandi, Jaak; Lauk, Mihkel; Linros, Janar; Rospel, Priit; **Piho, Gunnar; Pappel, Ingrid; Draheim, Dirk** Transactions on large-scale data- and knowledge-centered systems XXXV 2017 / p. 1-26 : ill https://doi.org/10.1007/978-3-662-56121-8_1 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach

Tepandi, Jaak; Grandry, Eric; Fieten, Sander; **Draheim, Dirk; Piho, Gunnar** The Practice of Enterprise Modeling : 12th IFIP Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27–29, 2019 : proceedings 2019 / p. 103-117 https://doi.org/10.1007/978-3-030-35151-9_7 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards a domain model for learning and teaching

Murtazin, Kristina; Shvets, Oleg; Meeter, Martijn; **Piho, Gunnar** International Conference on Model-Driven Engineering and Software Development 2024 / p. 288-296 <https://doi.org/10.5220/0012471400003645> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Towards archetypes based domain model of clinical laboratory

Piho, Gunnar Proceedings of Doctoral Symposium held in Conjunction with Formal Methods : May 26-30, 2008, Turku, Finland 2008 / p. 33-42

Towards archetypes-based software development

Piho, Gunnar; Roost, Mart; Perkins, David; **Tepandi, Jaak** Innovations in computing sciences and software engineering 2010 / p. 561-566

Towards LIMS (Laboratory Information Management Systems) software in global context

Piho, Gunnar; Tepandi, Jaak; Parman, Marko MIPRO 2012 : 35th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 21 - 25, 2012, Opatija, Croatia : proceedings 2012 / p. 721-726 : ill <https://ieeexplore.ieee.org/document/6240739>

Towards P systems based approach for evolutionary enterprise application

Piho, Gunnar; Tepandi, Jaak; Puusep, Viljam 22nd International Conference on Information Systems Development (ISD2013), September 2-4 2013, Seville, Spain 2013

Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups

Roost, Mart; Taveter, Kuldar; Rava, Karin; Tepandi, Jaak; Piho, Gunnar; Kuusik, Rein, inform.; Õunapuu, Enn Advanced Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17-21, 2013 : proceedings 2013 / p. 1-15 https://doi.org/10.1007/978-3-642-38490-5_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Using machine learning algorithms to form an automatic student's grade based on the sets of assessment questions

Shvets, Oleg; Kuzmina, Jelena; Murtazin, Kristina; Piho, Gunnar; Meeter, Martijn INTED2023 Proceedings 2023 / p. 1066-1074 <https://doi.org/10.21125/inted.2023.0319>

Using SNOMED CT as a semantic model for controlled natural language guided capture of clinical data

Kankainen, Kristian Juha Ismo; Klementi, Toomas; Piho, Gunnar; Ross, Peeter HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / 13 p. https://ceur-ws.org/Vol-3264/HEDA22_paper_9.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

Äriinfotehnoloogiat õppides lood võimalused, et olla asendamatu lüli ärimaastiku ja IT vahel

arileht.delfi.ee 2024 [Äriinfotehnoloogiat õppides lood võimalused, et olla asendamatu lüli ärimaastiku ja IT vahel](#)