

Addressing scalability issues in semantics-driven recommender systems

Bendouch, Mounir M.; Frasinca, Flavius; **Robal, Tarmo** WI-IAT '21: IEEE/WIC/ACM International Conference on Web Intelligence 2021 / p. 56-63 <https://doi.org/10.1145/3486622.3493963> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An ontology learning and reasoning framework

Haav, Hele-Mai Information modelling and knowledge bases XVII 2006 / p. 302-309 : ill https://www.researchgate.net/publication/221014133_An_Ontology_Learning_and_Reasoning_Framework

An ontology-based intelligent learning object for teaching the basics of digital logic

Robal, Tarmo; Kann, Taavi; Kalja, Ahto 2011 IEEE International Conference on Microelectronic Systems Education (MSE) : 5-6 June 2011, San Diego, CA, USA 2011 / p. 106-107

Applying user profile ontology for mining web site adaptation recommendations

Robal, Tarmo Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuseum 2007 / lk. 125-128 : ill

Blockchain-based ontology driven reference framework for security risk management

Iqbal, Mubashar; **Kormiltsyn, Aleksandr**; Dwivedi, Vimal; Matulevičius, Raimundas Data & knowledge engineering 2024 / art. 102257 <https://doi.org/10.1016/j.datak.2023.102257> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building an ontology for cyber defence exercises

Babayeva, Gulkhara; Maennel, Kaie; Maennel, Olaf Manuel IEEE European Symposium on Security and Privacy Workshops (EuroS&PW) 2022 / p. 423-432 <https://doi.org/10.1109/EuroSPW55150.2022.00050>

C.S. Peirce on the dynamic object of a sign: From ontology to semiotics and back

Pape, Helmut Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 419-437 ; Comment p. 433-437 <https://doi.org/10.12697/SSS.2015.43.4.03> https://www.ester.ee/record=b1331700*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The design and implementation of a semantic web framework for the event-centric digital forensics analysis

Tšikul, Pavel; Bahşi, Hayrettdin; Maennel, Olaf Manuel International Conference on Information Systems Security and Privacy. 1 2024 / p. 570-581 <https://doi.org/10.5220/0012437700003648> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Domain ontology for expressing knowledge of variants of thermally modified wood products

Maigre, Riina; Haav, Hele-Mai Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 161-171 https://doi.org/10.1007/978-3-319-97571-9_14 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Ensuring large-scale semantic interoperability : the Estonian public sector's case study

Haav, Hele-Mai; Kalja, Ahto; Küngas, Peep; Luts, Martin Databases and information systems V : selected papers from the Eighth International Baltic Conference, DB&IS 2008 2009 / p. 117-128 : ill

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](#)

Grasping nature as a whole : (on Ilja Prigogine's theoretical works)

Näpinen, Leo Ontology studies : (International Ontology Congress) 2001 / 1/2, Physis, p. 458-459

Leibniz on corporeal substance

Müürsepp, Peeter Acta Baltica historiae et philosophiae scientiarum 2016 / p. 31-52 <https://doi.org/10.11590/abhs.2016.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#)

Loogika ja mõtlemine : [artiklite kogumik]

1994 https://www.ester.ee/record=b1067802*est

Making web users' domain models explicit by applying ontologies

Robal, Tarmo; Haav, Hele-Mai; Kalja, Ahto Advances in Conceptual Modeling - Foundations and Applications : ER 2007 Workshops CMLSA, FP-UML, ONISW, QoIS, RIGIM, SeCoGIS : Auckland, New Zealand, November 5-9, 2007 : proceedings 2007 / p. 170-179 https://link.springer.com/content/pdf/10.1007/978-3-540-76292-8_20.pdf

A new approach to the modeling, design and implementation of business information systems

Taveter, Kuldar; Tamm, Boris, inform. Databases and Information Systems : Fourth International Baltic Workshop, Baltic DB&IS 2000 : Vilnius, Lithuania, May 1-5, 2000 : selected papers 2001 / p. 317-335 : ill https://link.springer.com/chapter/10.1007/978-94-015-9636-7_25

New polysemy structures in Wordnets induced by vertical polysemy

Lohk, Ahti; Orav, Heili; Vare, Kadri; Bond, Francis; **Vaik, Rasmus** Proceedings of the 10th Global WordNet Conference : GWC 2019, July 23–27, 2019, Wrocław, Poland 2019 / p. 394-403 <https://clarin-pl.eu/dspace/handle/11321/718> "scopus"

On proving the concept of an ontology aided software refactoring tool

Pöld, Janari; Robal, Tarmo; Kalja, Ahto Databases and information systems : tenth international Baltic conference on databases and information systems : local proceedings, materials of doctoral consortium : Vilnius, Lithuania, July 8-11, 2012 2012 / p. 179 https://www.researchgate.net/publication/287294774_On_proving_the_concept_of_an_ontology_aided_software_refactoring_tool

Ontology-based development of location based services

Haav, Hele-Mai; Kaljuvee, Aivi; **Luts, Martin**; Vajakas, Toivo Databases and Information Systems : proceedings of the Ninth International Baltic Conference, Baltic DB&IS 2010 : Riga, Latvia, July 5-7, 2010 2010 / p. 11-26 : ill

Ontology-based retrieval of spatially related objects for location based services

Haav, Hele-Mai; Kaljuvee, Aivi; **Luts, Martin**; Vajakas, Toivo On the Move to Meaningful Internet Systems : OTM 2009 : Confederated International Conferences CoopIS, DOA, IS and ODBASE 2009 : Vilamoura, Portugal, November 1-6, 2009 : proceedings. Part II 2009 / p. 1010-1024 https://link.springer.com/chapter/10.1007/978-3-642-05151-7_19

Ontology-driven development of personalized location based services

Haav, Hele-Mai; Kaljuvee, Aivi; **Luts, Martin**; Vajakas, Toivo Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010 2011 / p. 3-18 https://www.researchgate.net/publication/221278074_Ontology-Driven_Development_of_Personalized_Location-Based_Services

Ontoloogia mõistest arvutiteaduses ja tarkvaratehnikas

Haav, Hele-Mai A & A 2008 / 6, lk. 8-18

OPAS : ontology processing for assisted synthesis

Christophe, Francois; **Sell, Raivo**; Bernard, Alain; Coatanea, Eric Proceedings of the ASME 2009 International Design Engineering Technical Conferences & Design Automation Conference IDETC/DAC 2009, August 30-September 2, 2009, San Diego, USA 2009 / ? p https://www.researchgate.net/publication/259503578_OPAS_Ontology_Processing_For_Assisted_Synthesis

RFID-based communications for a self-organizing robot swarm

Tammet, Tanel; Vain, Jüri; Puusepp, Andres; Reilent, Enar; Kuusik, Alar SASO 2008 : Second IEEE International Conference on Self-Adaptive and Self-Organizing Systems : 20-24 October, 2008, Venice, Italy : proceedings 2008 / p. 45-54 <https://ieeexplore.ieee.org/document/4663409>

Semantic formal reasoning solution for personalized home telecare

Kuusik, Alar; Reilent, Enar; Lööbas, Ivor; Parve, Marko Proceedings of 2010 International Conference on Mechanical and Electrical Technology (ICMET 2010) : Singapore, September 10-12, 2010 2010 / p. 72-76 <https://ieeexplore.ieee.org/document/5598496>

Semantic interoperability framework for Estonian public sector's e-services integration

Tomingas, Kalle; Luts, Martin ORES-2010 : Ontology Repositories and Editors for the Semantic Web : Proceedings of the 1st Workshop on Ontology Repositories and Editors for the Semantic Web : Hersonissos, Crete, Greece, May 31st, 2010 2010 / [5] p

A semantic model for product configuration in timber industry

Haav, Hele-Mai; Maigre, Riina Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. 143-158 <https://doi.org/10.3233/978-1-61499-941-6-143> https://www.eston.ee/record=b5203991*est [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Specification of the data warehouse for the decision-making dimension of the bid process information system

Zekri, Manel; Zahaf, Sahbi; **Ben Yahia, Sadok** Procedia computer science 2019 / p. 756 - 763 <https://doi.org/10.1016/j.procs.2019.09.231> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Estonian semantic interoperability initiative in public sector

Luts, Martin Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 47-50 : ill

The Estonian semantic interoperability initiative in public sector

Luts, Martin; Haav, Hele-Mai; Küngas, Peep; Vallner, Uno; **Kalja, Ahto**; Arula, Kalle Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2-5, 2008 2008 / p. 103-113