

## **A scalable multi-agent architecture in environments with limited connectivity : case study on individualised care for healthy pregnancy**

**Mahunnah, Msury; Taveter, Kuldar** 2013 7th IEEE International Conference on Digital Ecosystems and Technologies (DEST) : special theme - smart planet and cyber physical systems as embodiment of digital ecosystems : Menlo Park, California, USA, 24–26 July 2013 2013 / p. 84-89 : ill

## **Adaptive agent organisations**

Argente, Estefania; **Kirikal, Kristi; Taveter, Kuldar** Agreement technologies 2013 / p. 321-353

## **Agent-based software design**

Oja, Margus; **Tamm, Boris, inform.; Taveter, Kuldar** Proceedings of the Estonian Academy of Sciences. Engineering 2001 / p. 5-21 [https://www.ester.ee/record=b1072102\\*est](https://www.ester.ee/record=b1072102*est) [https://artiklid.elnet.ee/record=b1006233\\*est](https://artiklid.elnet.ee/record=b1006233*est)

## **Agent-oriented business rules : deontic assignments**

**Taveter, Kuldar;** Wagner, Gerd Proceedings of the International Workshop on Open Enterprise Solutions : Systems, Experiences, and Organizations (OES-SEO 2001) : 14-15 September 2001, Rome, Italy 2001 / p. 1-10 : ill

## **Agent-oriented engineering of trust management systems**

Zupancic, Eva; Trcek, Denis; **Taveter, Kuldar** AT 2012 : Agreement Technologies : proceedings of the First International Conference on Agreement Technologies : Dubrovnik, Croatia, October 15-16, 2012 2012 / p. 349-350  
[https://www.researchgate.net/publication/265087406\\_Agent-Oriented\\_Engineering\\_of\\_Trust\\_Management\\_Systems](https://www.researchgate.net/publication/265087406_Agent-Oriented_Engineering_of_Trust_Management_Systems)

## **Agent-oriented enterprise modelling based on business rules**

**Taveter, Kuldar;** Wagner, G. Proceedings of the 20th International Conference on Conceptual Modeling : Yokohama, Japan, November 27-30, 2001 2001 / ? p

## **Agent-oriented knowledge elicitation for modeling the winning of "Hearts and Minds"**

**Shvartsman, Inna; Taveter, Kuldar** Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2011 : Szczecin, Poland, 18-21 September 2011 2011 / p. 604-608 : ill [https://kodu.ut.ee/~kuldarta/Papers/Fail\\_SK2011.pdf](https://kodu.ut.ee/~kuldarta/Papers/Fail_SK2011.pdf)

## **Agent-oriented modelling for simulation of complex environments**

**Shvartsman, Inna; Taveter, Kuldar;** Parmak, Merle; **Meriste, Merik** Proceedings of the International Multiconference on Computer Science and Information Technology (IMCSIT 2010) : Wisla, Poland, 18-20.10.2010 2010 / p. 209-216 : ill <https://annals-csis.org/proceedings/2010/pliks/177.pdf>

## **Agent-oriented modelling for tabletop military training exercises**

**Svartsman, Inna; Taveter, Kuldar** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 91-94 : ill

## **Agent-oriented software engineering**

**Taveter, Kuldar;** Sterling, Leon Encyclopedia of information science and technology, 2nd edition. 1 2008 / [6] p

## **Agentorienteeritud modelleerimise kunst : sõnavõtt Leon Sterlingi ja Kuldar Taveteri monograafia "The art of agent-oriented modelling" esitlusel 27. oktoobril 2009 TTÜ Raamatukogus**

**Taveter, Kuldar** Tallinna Tehnikaülikooli aastaraamat 2009 2010 / lk. 281-284 : ill [https://www.ester.ee/record=b1212786\\*est](https://www.ester.ee/record=b1212786*est)

## **Agile software engineering methodology for information systems' integration projects**

**Taveter, Kuldar; Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 215-230 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_15](https://doi.org/10.1007/978-3-319-70004-5_15)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **An agent-oriented method for designing large socio-technical service-ecosystems**

**Norta, Alexander; Mahunnah, Msury; Tenso, Tanel; Taveter, Kuldar;** Narendra, Nanjangud C. 2014 IEEE Tenth World Congress on Services : SERVICES 2014 : 27 June-2 July 2014, Anchorage, Alaska : proceedings 2014 / p. 242-249 : ill

## **An expressway from agent-oriented models to prototypes**

**Taveter, Kuldar;** Sterling, Leon Agent-oriented software engineering VIII 2008 / p. 147-163 : ill

## **Analysis and categorization of enterprises for agent-based automation**

**Kirikal, Kristi; Taveter, Kuldar** 2010 19th IEEE International Workshop on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE) : proceedings : Larissa, Greece, June 28-30, 2010 2010 / p. 29-34 : ill

## **Architecture of a list-based virtual machine for implementing COBOL : a thesis submitted to Tallinn Technical University in partial fulfilment of the requirements for the degree of master of engineering : magistritöö**

**Taveter, Kuldar** 1995 [http://www.ester.ee/record=b1756467\\*est](http://www.ester.ee/record=b1756467*est)

**Autonoomsete intelligentsete tehnoloogiate kasutamise seotud küsimuste reguleerimiseks vajalike õigusloome probleemide tuvastamine ja lahendusettepanekute tegemine : II etapi aruanne**  
**Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike; Tehver, Jaanus; Hoffmann, Thomas; Taveter, Kuldar; Liiv, Innar; Pärn-Lee, Evelin; Salumaa-Lepik, Kärt vt. ka Salumaa, Kärt; Antonov, Alexander; Rozeik, Helena** 2019

**Bringing service design thinking into the public sector to create proactive and user-friendly public services**  
**Sirendi, Regina; Taveter, Kuldar** HCI in Business, Government, and Organizations : Information Systems : third International Conference, HCIBGO 2016 held as part of HCI International 2016, Toronto, Canada, July 17-22, 2016 : proceedings. Part II 2016 / p. 221-230 : ill [https://doi.org/10.1007/978-3-319-39399-5\\_21](https://doi.org/10.1007/978-3-319-39399-5_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Business rules' approach to the modelling, design, and implementation of agent-oriented information systems**  
**Taveter, Kuldar** Proceedings of the International Bi-Conference Workshop on Agent-Oriented Information Systems : (AOIS'99) : May 1, 1999, Seattle, and June 14-15, Heidelberg, Germany 1999 / p. 81-97

**Combining AOR diagrams and ross business rules' diagrams for enterprise modeling**  
**Taveter, Kuldar; Wagner, G.** Proceedings of the Second International Bi-Conference Workshop on Agent-Oriented Information Systems (AOIS-2000) : 5-6 June 2000, Stockholm (Sweden) and 30 July 2000, Austin (Texas, USA) 2000 / p. 113-130

**A Conceptual framework for effective appropriation of proactive public e-services**  
**Sirendi, Regina; Mendoza, Antonette; Barrier, Mariane; Taveter, Kuldar; Sterling, Leon** Abstracts of Papers Presented at the 18th European Conference on Digital Government ECDG 2018 : Hosted By University of Santiago de Compostela, Spain, 25 - 26 October 2018 2018 / p. 23-24 <https://www.academic-conferences.org/download/21774/>

**A Conceptual framework for effective appropriation of proactive public e-services**  
**Sirendi, Regina; Mendoza, Antonette; Barrier, Mariane; Taveter, Kuldar; Sterling, Leon** Proceedings of the 18th European Conference on Digital Government (ECDG2018) : University of Santiago de Compostela, Spain, 25-26 October 2018 2018 / p. 213-221 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059288603&partnerID=40&md5=d9349febf052a06c13e3cda8b0f9657b>

**Conflict-resolution lifecycles for governed decentralized autonomous organization collaboration**  
**Norta, Alexander; Othman, Anis Ben; Taveter, Kuldar** EGOSE '15 : proceedings of the 2015 2nd International Conference on Electronic Governance and Open Society : Challenges in Eurasia : November 24-25, 2015, St.Petersburg, Russian Federation 2015 / p. 244-257 : ill <https://doi.org/10.1145/2846012.2846052> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Decision making and strategic planning for disaster preparedness with a multi-criteria-analysis decision support system**  
**Schlobinski, Sascha; Zuccaro, Giulio; Scholl, Martin; Meiers, Daniel; Denzer, Ralf; Guarino, Sergio; Engelbach, Wolf; Taveter, Kuldar; Frysinger, Steven** Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 178-186 : ill [https://doi.org/10.1007/978-3-319-15994-2\\_17](https://doi.org/10.1007/978-3-319-15994-2_17) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Describing agent organisations**  
**Argente, Estefania; Boissier, Olivier; Esparcia, Sergio; Görmer, Jana; Kirikal, Kristi; Taveter, Kuldar** Agreement technologies 2013 / p. 253-275

**Design of an environment for agent-based simulation of air-to-air business processes**  
**Sterling, Leon; Taveter, Kuldar** The 7th European Workshop on Multi-Agent Systems : EUMAS 2009 : Ayia Napa, Cyprus, December 17-18, 2009 : proceedings 2009 / ? p

**Designing adaptive multi-agent systems by agent-oriented modelling**  
**Taveter, Kuldar; Kirikal, Kristi** Proceedings of the 18th IFAC World Congress, 2011 : Milano, Italy, August 28 - September 2, 2011 2011 <https://folk.ntnu.no/skoge/prost/proceedings/ifac11-proceedings/data/html/papers/3497.pdf>

**Designing proactive public services = Proaktiivsete avalike teenuste disainimine**  
**Erlenheim, Regina** 2019 <https://digikogu.taltech.ee/et/Item/727c90b4-8949-48e1-98f7-c854a56d773e>  
[https://www.ester.ee/record=b5268214\\*est](https://www.ester.ee/record=b5268214*est)

**eContractual choreography-language properties towards cross-organizational business collaboration**  
**Norta, Alexander; Ma, Lixin; Duan, Yucong; Rull, Addi; Kõlvart, Merit; Taveter, Kuldar** Journal of Internet services and applications 2015 / p. 1-23 : ill <https://doi.org/10.1186/s13174-015-0023-7> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Edenev koostöö Swinburne'i tehnikaülikooliga**  
**Taveter, Kuldar** Mente et Manu 2013 / lk. 22 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Eesti keelekeskkonna agendipõhine modelleerimine [Võrguväljaanne]**  
**Ehala, Martin; Taveter, Kuldar** Generatiivse grammatika grupi juubelikoosolek 18.12.2015 : teesid 2015 / lk. 28-29  
[https://dspace.ut.ee/bitstream/handle/10062/50296/GGG\\_juubelikoosolek\\_teesid\\_2015.pdf?sequence=1&isAllowed=y](https://dspace.ut.ee/bitstream/handle/10062/50296/GGG_juubelikoosolek_teesid_2015.pdf?sequence=1&isAllowed=y)

### **Empirical evaluation of guidelines for prototyping sociotechnical systems in JADE framework**

**Mahunnah, Msury; Taveter, Kuldar;** Wai Shiang, Cheah; Yee Wai, Sim 2018 International Symposium on Agents, Multi-Agent Systems and Robotics (ISAMSR 2018) : Putrajaya, Malaysia, 27 August 2018 2018 / p. 51-56 : ill <http://doi.org/10.1109/ISAMSR.2018.8540558>

### **An empirical evaluation of the requirements engineering tool for socio-technical systems**

**Mahunnah, Msury; Taveter, Kuldar;** Matulevičius, Raimundas 2018 7th Workshop on Empirical Requirements Engineering : EmpiRE 2018 : 21 August 2018, Banff, Alberta, Canada : proceedings 2018 / p. 8-19 : ill <https://doi.org/10.1109/EmpiRE.2018.00012>

### **Engineering societal information systems by agent-oriented modeling**

**Taveter, Kuldar;** Du, Hongying; Huhns, Michael N. Journal of ambient intelligence and smart environments 2012 / p. 227-252 <https://content.iospress.com/articles/journal-of-ambient-intelligence-and-smart-environments/ais149>

### **Enhancing requirements engineering in agile methodologies by agent-oriented goal models : two empirical case studies**

**Tenso, Tanel; Norta, Alexander;** Rootsi, Hannes; **Taveter, Kuldar;** Vorontsova, Irina 2017 IEEE 25th International Requirements Engineering Conference Workshops : proceedings 2017 / p. 268-275 : ill <http://doi.org/10.1109/REW.2017.24>

### **Enhancing the quality of contingency planning by simulation**

Honkavuo, Hanna; Jähi, Markus; Kosonen, Ari; Piira, Kalevi; **Rannat, Kalev;** Soininen, Jari; **Meriste, Merik; Taveter, Kuldar** ISCRAM2015 conference proceedings : 12th International Conference on Information Systems for Crisis Response and Management : Kristiansand, May 24-27 2015 / [6] p. : ill

### **Environment and agreement technologies**

Argente, E.; **Taveter, Kuldar** AT 2012 : Agreement Technologies : proceedings of the First International Conference on Agreement Technologies : Dubrovnik, Croatia, October 15-16, 2012 2012 / p. 260-261 <https://ceur-ws.org/Vol-918/111110260.pdf>

### **Estonia como país líder en gobierno electrónico : enfoque legal para regular la inteligencia artificial**

**Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike;** Tehver, Jaanus; **Hoffmann, Thomas; Taveter, Kuldar; Liiv, Innar; Pärn-Lee, Evelin; Salumaa-Lepik, Kärt; Shumilo, Olga; Ramiro Troitino, David** Inteligencia artificial : de la discrepancia regional a las reglas universales 2020 <https://www.marcialpons.es/libros/inteligencia-artificial-de-la-discrepancia-regional-a-las-reglas-universales/9788413468358/>

### **Event-based optimization of air-to-air business processes**

Sterling, Leon; **Taveter, Kuldar** Intelligent Complex Event Processing : AAAI Spring Symposium on Intelligent Event Processing : March 23-25, 2009, Stanford, California, USA 2009 / p. 80-85 [https://www.researchgate.net/publication/221251496\\_Event-based\\_Optimization\\_of\\_Air-to-Air\\_Business\\_Processes](https://www.researchgate.net/publication/221251496_Event-based_Optimization_of_Air-to-Air_Business_Processes)

### **Event-based optimization of air-to-air business processes (longer version)**

Sterling, Leon; **Taveter, Kuldar** The Industry Track of the 20th Australian Software Engineering Conference : ASWEC 2009 : 14-17 April, Gold Coast, Australia : proceedings [2009]

### **1st Report on Legal Framework and Analysis Related to Autonomous Intelligent Technologies**

**Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike; Hoffmann, Thomas;** Minn, Mari; Liiv, Innar; **Taveter, Kuldar; Shumilo, Olga; Solarte Vasquez, Maria Claudia; Antonov, Alexander** 2019 <https://www.researchgate.net/publication/331996458>

### **From agent-oriented models to profile driven military training scenarios**

**Shvartsman, Inna; Taveter, Kuldar** Intelligent Distributed Computing VII : proceedings of the 7th International Symposium on Intelligent Distributed Computing - IDC 2013, Prague, Czech Republic, September 2013 2014 / p. 317-322 [https://doi.org/10.1007/978-3-319-01571-2\\_37](https://doi.org/10.1007/978-3-319-01571-2_37) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **From conceptual models to training scenarios for winning hearts and minds**

**Shvartsman, Inna; Taveter, Kuldar** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 85-88 : ill

### **From descriptive to prescriptive models of agent-oriented information systems**

**Taveter, Kuldar** Agent-Oriented Information Systems 2001 : proceedings of the Third International Bi-Conference Workshop : AOIS-2001 : 28 May 2001, Montreal (Canada) and 4 June 2001, Interlaken (Switzerland) 2001 / ? p

### **From object-oriented programming towards agent-oriented programming**

**Taveter, Kuldar** Proceedings of the Sixth Scandinavian Conference on Artificial Intelligence, Helsinki, Finland, August 18-20, 1997 1997 / [2] p

### **From object-oriented programming towards agent-oriented programming**

**Taveter, Kuldar** Sixth Scandinavian Conference on Artificial Intelligence : research announcements, Helsinki, Finland, August 18-20, 1997 1997 / [12] p

## **Fulbrighti stipendiaadina USA Lõunas**

**Taveter, Kuldar** Mente et Manu 2012 / lk. 3-4 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Handbook of research on emerging rule-based languages and technologies : open solutions and approaches**

Giurca, Adrian; Gašević, Dragan; **Taveter, Kuldar** 2009 [https://www.ester.ee/record=b2510538\\*est](https://www.ester.ee/record=b2510538*est)

## **Handbook of research on emerging rule-based languages and technologies : open solutions and approaches**

Giurca, Adrian; Gašević, Dragan; **Taveter, Kuldar** 2009 [https://www.ester.ee/record=b2510538\\*est](https://www.ester.ee/record=b2510538*est)

## **Heuristics for designing and evaluating socio-technical agent-oriented behaviour models with Coloured Petri Nets**

**Mahunnah, Msury; Norta, Alexander; Ma, Lixin; Taveter, Kuldar** IEEE 38th Annual International Computers, Software and Applications Conference Workshops : 27-29 July 2014, Västerås, Sweden : proceedings 2014 / p. 438-443 : ill

## **Hiina-reisi üllatused : [TTÜ informaatikainstituudi professori Kuldar Taveteri muljeid maailmanäituselt EXPO 2010 Šanghais]**

**Taveter, Kuldar** Mente et Manu 2010 / lk. 1-2 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **How can agents help in designing complex systems?**

**Taveter, Kuldar; Meriste, Merik** Journal of telecommunication, electronic and computer engineering 2017 / p. 1-8 : ill  
<http://journal.utem.edu.my/index.php/jtec/issue/view/140> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **ICMS User Handbook V2 [Electronic resource]**

Frings, Sandra; Engelbach, Wolf; Havlik Denis; **Taveter, Kuldar; Meriste, Merik; Rannat, Kalev** 2015  
[http://www.crismaproject.eu/deliverables/CRISMA\\_D362\\_public.pdf](http://www.crismaproject.eu/deliverables/CRISMA_D362_public.pdf)

## **Identifying design principles for proactive services through systematically understanding the reactivity-proactivity spectrum**

**Erlenheim, Regina; Draheim, Dirk; Taveter, Kuldar** Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 452-458  
<https://doi.org/10.1145/3428502.3428572> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## **Information systems**

2010

## **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

## **Intelligent information retrieval based on interconnected concepts and classes of retrieval domains**

**Taveter, Kuldar** Eighth DELOS Workshop User Interfaces for Digital Libraries : Stockholm, Sweden, 21-23 October 1999 [i.e. 1998] 1999 / p. 39-43 : ill <https://www.ercim.eu/publication/ws-proceedings/DELOS8/taveter.pdf>

## **Java agents that realize business rules**

**Taveter, Kuldar** Proceedings of the Fifth International Conference on the Practical Application of Intelligent Agents and Multiagent Technology : April 19-21, 1999, London, UK 1999 / p. 471-472

## **Kas tõesti kõik programmeerima?**

**Taveter, Kuldar** Postimees 2017 / lk. 16

## **Kasutusjuhend ja eesmärgimudelid**

**Taveter, Kuldar** A & A 2010 / 1, lk. 6-8 : ill [https://artiklid.elnet.ee/record=b1965430\\*est](https://artiklid.elnet.ee/record=b1965430*est)

## **Kriisiks valmis**

**Taveter, Kuldar** Mente et Manu 2015 / lk. 14 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Kuldar Taveter: Eesti innovatsioonis võiks rohkem rõhku panna loomingulisusele : [intervjuu professoriga]**

Salu, Mikk; **Taveter, Kuldar** HEI = Hea Eesti Idee 2010 / jaan., lk. 18-21 : portr [https://artiklid.elnet.ee/record=b1944022\\*est](https://artiklid.elnet.ee/record=b1944022*est)  
[https://artiklid.elnet.ee/record=b1944022\\*est](https://artiklid.elnet.ee/record=b1944022*est)

## **A list-based virtual machine for COBOL**

**Tamm, Boris, inform.; Taveter, Kuldar** Software : practice and experience 1996 / p. 1347-1371

## **A logic programming perspective on rules**

Sterling, Leon; **Taveter, Kuldar** Handbook of research on emerging rule-based languages and technologies : open solutions and approaches 2009 / p. 195-213 <https://www.igi-global.com/chapter/logic-programming-perspective-rules/35860>

### **Mapping the information flows for the architecture of a nationwide situation awareness system : (Poster)**

**Bahsi, Hayret**; Dieves, Veiko; **Kangilaski, Taivo**; Laud, Peeter; **Mõtus, Leo**; Murumets, Jaan; Ploom, Illimar; **Priisalu, Jaan**; Seeba, Mari; **Täks, Ermo**; Tammel, Kaide; **Tammppuu, Piia**; **Taveter, Kuldar**; Trumm, Avo; Truusa, Tiia-Triin; Vihalemm, Triin  
Proceedings 2019 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) : Las Vegas, NV, USA, 8-11 April 2019 / p. 152–157 <https://doi.org/10.1109/COGSIMA.2019.8724167>

### **Method for rapid prototyping of societal information systems**

**Taveter, Kuldar**; Du, Hongying; Huhns, Michael N. Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2012 : Wrocław, Poland, 9-12 September, 2012 / p. 1221–1228 : ill <https://annals-csis.org/proceedings/2012/pliks/310.pdf>

### **A method of conceptual modelling for realistic training scenarios**

**Shvartsman, Inna**; **Taveter, Kuldar**; **Meriste, Merik** ICAART 2013 - proceedings of the 5th International Conference on Agents and Artificial Intelligence, : Barcelona, Spain, 15-18 February, 2013. Volume 1 2013 / p. 443-446

### **Multi-Agent systems and Blockchain: results from a systematic literature review**

Calvares, Davide; Dubovitskaya, Alevtina; Calbimonte, Jean Paul; **Taveter, Kuldar**; Schumacher, Michael Advances in Practical Applications of Agents, Multi-Agent Systems, and Complexity: The PAAMS Collection : 16th International Conference, PAAMS 2018, Toledo, Spain, June 20–22, 2018 : proceedings 2018 / p. 110-126 [https://doi.org/10.1007/978-3-319-94580-4\\_9](https://doi.org/10.1007/978-3-319-94580-4_9) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A multi-perspective methodology for agent-oriented business modelling and simulation**

**Taveter, Kuldar** 2004 [http://www.ester.ee/record=b1910546\\*est](http://www.ester.ee/record=b1910546*est)

### **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 DBAMPIS 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](https://link.springer.com/chapter/10.1007/978-94-015-9636-7_25)

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

**Taveter, Kuldar**; **Tamm, Boris**, inform. Proceedings of the Fourth IEEE International Baltic Workshop on DB and IS : BalticDBAMPIS'2000 : May 1-5, 2000, Vilnius, Lithuania 2000 / p. 176-192

### **Ontology modeling of the Estonian Traffic Act for self-driving buses**

Nogales, Alberto; **Täks, Ermo**; **Taveter, Kuldar** Information Management and Big Data : 5th International Conference : SIMBig 2018, Lima, Peru, September 3–5, 2018 : proceedings 2019 / p. 249-256 [https://doi.org/10.1007/978-3-030-11680-4\\_24](https://doi.org/10.1007/978-3-030-11680-4_24) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Ontology-based query translation for legislative information retrieval**

**Taveter, Kuldar**; Lehtola, Aarno; Jaaranen, Kristiina; Sorva, Juha; Bounsaythip, Catherine Proceedings of the 5th ERCIM Workshop on User Interfaces for All : November 8-December 1, 1999, Dagstuhl, Germany 1999 / p. 59-75 : ill <http://ui4all.ics.forth.gr/UI4ALL-99/Taveter.pdf>

### **PPPS'2023 - proactive and personalised public services : searching for meaningful human control in algorithmic government**

Nikiforova, Anastasija; Bharosa, Nitesh; **Draheim, Dirk**; **Taveter, Kuldar** EGOV-CeDEM-ePart-JP 2023: ongoing research, practitioners, posters, workshops, and projects at EGOV-CeDEM-ePart 2023 : joint proceedings of ongoing research, practitioners, posters, workshops, and projects at EGOV-CeDEM-ePart 2023 co-located with the International Conference EGOV-CeDEM-ePart (EGOV-CeDEM-ePart 2023) : Corvinus University of Budapest, September 4-7, 2023 / p. 1-12 : ill <https://ceur-ws.org/Vol-3449/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Requirements elicitation and specification using the agent paradigm : the case study of an aircraft turnaround simulator**

Miller, Tim; Lu, Bin; Sterling, Leon; Beydoun, Ghassan; **Taveter, Kuldar** IEEE transactions on software engineering 2014 / p. 1007-1024 : ill <https://doi.org/10.1109/TSE.2014.2339827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **SARI - a system for semantical information retrieval**

**Taveter, Kuldar** ERCIM news 1998 / p. 14-15 [https://www.ercim.eu/publication/Ercim\\_News/enw35/taveter.html](https://www.ercim.eu/publication/Ercim_News/enw35/taveter.html)

### **SARI : an agent-based system for information retrieval**

**Taveter, Kuldar** Arpakannus 1999 / 2, p. 5-9

### **Simulating a societal information system for healthcare**

Du, Hongying; **Taveter, Kuldar**; Huhns, Michael N. Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2012 : Wrocław, Poland, 9-12 September, 2012 / p. 1239–1246 : ill <https://ieeexplore.ieee.org/document/6354369>

**Simulation and prototyping of sociotechnical systems using agent-oriented modelling = Sotsiotehniliste süsteemide simulatsioon ja prototüüpimine kasutades agentorienteeritud modelleerimist**  
**Mahunnah, Msury** 2019 <https://digi.lib.ttu.ee/i/?11297>

**Simulations tool for crisis management strategies and planned actions V2 [Electronic resource]**  
**Taveter, Kuldar**; Scholl, Martin; Schlobinski, Sascha; **Ma, Lixin**; **Meriste, Merik** 2014  
[http://www.crismaproject.eu/deliverables/CRISMA\\_D443\\_public.pdf](http://www.crismaproject.eu/deliverables/CRISMA_D443_public.pdf)

**Stage models for moving from e-government to smart government**

Lemke, Florian; **Taveter, Kuldar**; **Erlenheim, Regina**; **Pappel, Ingrid**; **Draheim, Dirk**; Janssen, Marijn Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOSE 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 152-164 [https://doi.org/10.1007/978-3-030-39296-3\\_12](https://doi.org/10.1007/978-3-030-39296-3_12) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Supporting evolving multi-agent systems with a system evolution directory**

Lu, B.; Sterling, Leon; **Taveter, Kuldar** Proceedings of the 19th Australian Software Engineering Conference (ASWEC 2008) : Perth, Western Australia, March 26-28, 2008 2008 / p. 180-189 <https://ieeexplore.ieee.org/document/4483206>

**Swinburne'i Tehnikaülikoolis koostöösidemeid arendamas**

**Taveter, Kuldar** Mente et Manu 2012 / lk. 5 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Task knowledge patterns reuse in multi-agent systems development**

Cheah, WaiShiang; Sterling, Leon; **Taveter, Kuldar** Principles and Practice of Multi-Agent Systems : 13th International Conference, PRIMA 2010, Kolkata, India, November 12-15, 2010 : revised selected papers 2012 / p. 459-474 : ill [https://link.springer.com/chapter/10.1007/978-3-642-25920-3\\_33](https://link.springer.com/chapter/10.1007/978-3-642-25920-3_33)

**Tasuta kõrgharidus: intressivabad õppelaenud**

**Taveter, Kuldar** Postimees 2011 / lk. 14

**Tehisintellekti eetilisusest ja õiguskuulekusest**

**Taveter, Kuldar**; **Kerikmäe, Tanel** Postimees 2017 / lk. 19 <https://arvamus.postimees.ee/4294691/kuldar-taveter-ja-tanel-kerikmae-tehisintellekti-eeetilisusest-ja-oguskuulekusest>

**The art of agent-oriented modeling**

Sterling, Leon; **Taveter, Kuldar** 2009 [https://www.ester.ee/record=b2526826\\*est](https://www.ester.ee/record=b2526826*est)

**The role of the environment in agreement technologies**

Argente, Estefania; Boissier, Olivier; **Taveter, Kuldar** Artificial intelligence review 2013 / p. 21-38 : ill <https://doi.org/10.1007/s10462-012-9388-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The use of deontic notions in agent-oriented business information systems**

**Taveter, Kuldar** Proceedings of the Finnish Artificial Intelligence Days (STeP'2000) : Espoo, Finland, August 28-31, 2000 2000 / p. 77-83

**The use of viewpoints and bridges for overcoming conceptual differences between information sources**

**Taveter, Kuldar** Proceedings of the 8th Finnish Artificial Intelligence Conference (STeP'98), Jyväskylä, Finland, September 7-9, 1998 / Finnish Artificial Intelligence Society 1998 / p. 51-54

**Towards distributed sociotechnical system for reporting critical laboratory results**

**Mahunnah, Msury**; Koorts, Annike; **Taveter, Kuldar** HEALTHINF 2013 - Proceedings of the International Conference on Health Informatics, Barcelona, Spain, 11-14 February, 2013 2013 / p. 269-276

**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](https://doi.org/10.1007/978-3-642-38490-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Training support for crisis managers with elements of serious gaming**

Havlik, Denis; Deri, Oren; **Rannat, Kalev**; Warum, Manuel; Rafalowski, Chaim; **Taveter, Kuldar**; Kutschera, Peter; **Meriste, Merik** Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 217-225 : ill [http://dx.doi.org/10.1007/978-3-319-15994-2\\_21](http://dx.doi.org/10.1007/978-3-319-15994-2_21)

**Validated simulation tool for crisis management strategies and planned actions [Electronic resource]**

**Taveter, Kuldar**; **Meriste, Merik**; **Rannat, Kalev**; Jähi, Markus; Dihe, Pascal; Scholl, Martin; Guarino, Sergio 2015  
[http://www.crismaproject.eu/deliverables/CRISMA\\_D444\\_public.pdf](http://www.crismaproject.eu/deliverables/CRISMA_D444_public.pdf)

**Version 2 of Model for Decision-making assessment, and Economic impacts and consequences [Electronic resource]**

Engelbach, Wolf; Frings, Sandra; Sautter, Johannes; **Taveter, Kuldar**; Ma, Lixin; **Meriste, Merik** 2014

[http://www.crismaproject.eu/deliverables/CRISMA\\_D442\\_public.pdf](http://www.crismaproject.eu/deliverables/CRISMA_D442_public.pdf)

**Vocabularies, ontologies, and rules for enterprise and business process modeling and management**

Gašević, Dragan; Guizzardi, Giancarlo; **Taveter, Kuldar**; Wagner, Gerd Information systems 2010 / 4, p. 375-378

<https://www.sciencedirect.com/science/article/pii/S0306437910000037>