

**A multilevel modelling environment for machine elements design**

**Kalja, Ahto; Kindel, Kristiina; Tidemann, Tiit** International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p. : ill

**A semantic method of automatic composition of e-government services**

**Maire, Riina; Grigorenko, Pavel; Haav, Hele-Mai; 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 / p. 182

**A study on effective knowledge reuse in multi-platform web applications user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 68

**AAMPA läbi aegade : [ettekanne TTÜs toimunud konverentsil, mis oli pühendatud TTÜ, TLÜ ja ITK toimetamisel ajakirja**

**AAMPA 50. numbril ilmumiseks]**

**Kalja, Ahto** A & A 2006 / lk. 5-8

**Administration of the state information system of the Estonian eGovernment [Electronic resource]**

**Kalja, Ahto; Robal, Tarmo;** Gailan, Triin PICMET '17 : Portland International Conference on Management of Engineering and Technology : Technology Management for the Interconnected World : proceedings 2017 / p. 1-7 : ill. [USB]

<https://doi.org/10.23919/PICMET.2017.8125312>

**Advances in Databases and Information Systems : 9th East European Conference, ADBIS 2005 : Tallinn, Estonia, September 12-15, 2005 : proceedings**

2005 [http://www.ester.ee/record=b2068140\\*est](https://www.ester.ee/record=b2068140*est)

**Advances in Databases and Information Systems : proceedings of the 9th East-European Conference, ADBIS 2005 : Tallinn, September 12-15, 2005**

2005 [https://www.ester.ee/record=b2068111\\*est](https://www.ester.ee/record=b2068111*est)

**Ahto Kalja sõnavöött : [akadeemikute Ilmar Öpiku ja Boris Tamme büstide avamisel akadeemikute alleel 17. sept. 2003]**

**Kalja, Ahto** 85 aastat Tallinna Tehnikaülikooli 2004 / lk. 51

**Ajutise teaduslik-tehnilise kollektiivi "Start" tööst**

**Kalja, Ahto** Arvutustehnika ja Andmetöötlus : A&A 1989 / lk. 35-36 [https://www.ester.ee/record=b1071940\\*est](https://www.ester.ee/record=b1071940*est)

**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

**Analysing the web log to determine the efficiency of web systems**

**Robal, Tarmo; Kalja, Ahto;** Pöld, Janari Databases and information systems : Seventh International Baltic Conference on Databases and Information Systems. Communications : Vilnius, Lithuania, July 3-6, 2006 2006 / p. 264-275

**Applying e-environments in teaching the basics of digital logic**

**Robal, Tarmo; Kalja, Ahto** Proceedings MSE 2007 : 2007 IEEE International Conference on Microelectronic Systems Education : 3-4 June 2007, San Diego, CA 2007 / p. 41-42 : ill <https://ieeexplore.ieee.org/document/4231440/keywords#keywords>

**Applying ICT for improving the study process [Electronic resource]**

**Robal, Tarmo; Kalja, Ahto** Proceedings of the 18th EAEEIE Annual Conference : Praha, Czech Republic, 02-04.07.2007 2007 / ? p. [CD-ROM]

**Applying user domain model to improve Web recommendations**

**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. 182 <https://ebooks.iospress.nl/volumearticle/7673>

**Applying user domain model to improve Web recommendations**

**Robal, Tarmo; Kalja, Ahto** Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 118-131 <https://doi.org/10.3233/978-1-61499-161-8-118> [Conference Proceedings at Scopus Article at Scopus Article at WOS](#)

### **Applying user profile ontology for mining web site adaption recommendations**

**Robal, Tarmo; Kalja, Ahto** Local Proceedings of the 11th East-European Conference on Advances in Databases and Information Systems (ADBIS 2007) 2007 / p. 126-135  
[https://www.researchgate.net/publication/221651686\\_Applying\\_User\\_Profile\\_Ontology\\_for\\_Mining\\_Web\\_Site\\_Adaptation\\_Recommendations](https://www.researchgate.net/publication/221651686_Applying_User_Profile_Ontology_for_Mining_Web_Site_Adaptation_Recommendations)

**Arvamused riigi infosüsteemide kohta : Ahto Kalja [küsimustele vastavad] Alo Koop, Rein Kuusik, ... [jt.]**  
Kalja, Ahto; Koop, Alo; Kuusik, Rein, inform. A & A 2003 / 3, lk. 77-83

### **Automatic implementation-time usability evaluation for web user interfaces = Veebi kasutajaliidese kasutatavuse automaatne hindamine realisatsioonifaasis**

**Marenkov, Jevgeni** 2019 [https://www.estet.ee/record=b5231048\\*est](https://www.estet.ee/record=b5231048*est)

### **CAD problem solving and technical systems modelling using the AI programming environments**

**Kalja, Ahto; Kotkas, Vahur; Tiidemann, Tiit** Proceedings of the 10th European-Japanese Conference on Information Modelling and Knowledge Bases 2000 / p. 284-290

### **CAD problem solving and technical systems modelling using the AI programming environments**

**Kalja, Ahto; Kotkas, Vahur; Tiidemann, Tiit** Information Modelling and Knowledge Bases XII 2001 / p. 284-290

[https://www.researchgate.net/publication/221013967\\_CAD\\_Problem\\_Solving\\_and\\_Technical\\_Systems\\_Modelling\\_Using\\_the\\_AI\\_Programming\\_Environments](https://www.researchgate.net/publication/221013967_CAD_Problem_Solving_and_Technical_Systems_Modelling_Using_the_AI_Programming_Environments)

### **Calculation of gear drive by using AI methods in conceptual design**

**Sanko, Jelena; Tiidemann, Mart; Tiidemann, Tiit; Kalja, Ahto** OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 21-27: ill

### **Comparing software process improvement in Estonia and Finland**

**Jaakkola, Hannu; Kalja, Ahto; Lepasaar, Marion; Varkoi, Timo** Baltic ITAMPT review 2001 / 3, p. 69-74

### **Complementing ICT studies with learning objects on domain ontologies**

**Robal, Tarmo; Kruus, Helena; Kalja, Ahto** Proceedings of the 24th International Conference on European Association for Education in Electrical and Information Engineering : 30-31 May 2013, Chania, Greece 2013 / p. 92-96 : ill

### **A conceptual framework for software developing in mechanical CAD**

**Kalja, Ahto; Tiidemann, Mart; Tiidemann, Tiit** OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 120-128: ill [https://www.estet.ee/record=b1083704\\*est](https://www.estet.ee/record=b1083704*est)

### **Conceptual web users' actions prediction for ontology-based browsing recommendations**

**Robal, Tarmo; Kalja, Ahto** Information systems development : towards a service provision society 2009 / p. 121-129  
[https://link.springer.com/chapter/10.1007/b137171\\_13](https://link.springer.com/chapter/10.1007/b137171_13)

### **Creating interactive learning objects with web services**

**Robal, Tarmo; Kalja, Ahto** 2009 EAEEIE annual conference : 20th Annual Conference of the European Association for Education in Electrical and Information Engineering : Valencia, Spain, June 22-24, 2009 2009 / [6] p

### **Creativity trainings and technical education problems in CAD**

**Kalja, Ahto; Tiidemann, Mart; Tiidemann, Tiit** Proceedings of OST'05 Conference : Stockholm, October 2005 2006 / ? p

### **Creativity trainings and technical education problems in CAD**

**Kalja, Ahto; Tiidemann, Mart; Tiidemann, Tiit** Proceedings of OST'05 Conference : Stockholm, Sweden, 2005 2005 / ? p

### **Data exchange layer x-road in use for the third year**

**Kalja, Ahto** Information Technology in Public Administration of Estonia : yearbook 2004 2005 / p. 19-24

### **Databases and information systems**

**Haav, Hele-Mai; Kalja, Ahto** 2002 [https://www.estet.ee/record=b1724800\\*est](https://www.estet.ee/record=b1724800*est)

### **Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014**

2014 [http://www.estet.ee/record=b3088507\\*est](http://www.estet.ee/record=b3088507*est)

### **Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DBAMPIS 2008 : Tallinn, June 2-5, 2008**

2008 [http://www.estet.ee/record=b2374996\\*est](http://www.estet.ee/record=b2374996*est)

### **Databases and information systems : proceedings of the Fifth International Baltic Conference : Baltic DB & IS 2002 : Tallinn, June 3-6, 2002**

2002 [http://www.estr.ee/record=b1641978\\*est](http://www.estr.ee/record=b1641978*est)

**Databases and information systems : proceedings of the Fifth International Baltic Conference : Baltic DB & IS 2002 :**  
Tallinn, June 3-6, 2002

2002 [https://www.estr.ee/record=b1641985\\*est](https://www.estr.ee/record=b1641985*est)

**Databases and information systems V : selected papers from the Eighth International Baltic Conference, DBAMPIS 2008**  
**Haav, Hele-Mai; Kalja, Ahto** 2009 [https://www.estr.ee/record=b2453355\\*est](https://www.estr.ee/record=b2453355*est)

**Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014**  
2014 [https://www.estr.ee/record=b4447206\\*est](https://www.estr.ee/record=b4447206*est)

#### **Databases for systems with structural synthesis of programs**

**Haav, Hele-Mai; Kalja, Ahto** Proc. of the Baltic Workshop on National Infrastructure Databases : problems, methods, experiences 1994 / p. 185-196

#### **Design and automatic calculations of machine elements**

Tidemann, Mart; **Kalja, Ahto; Tidemann, Tiit** Engineering Graphics BALTGRAF-11 : proceedings of the Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011 2011 / p. 124-130 : ill

#### **Design-time web usability evaluation with guidelinr**

**Makarenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Complex Systems Informatics and Modeling Quarterly (CSIMQ) 2018 / art. 90, p. 90–109 : ill <https://doi.org/10.7250/csimg.2018-15.05>

#### **Dimensioning and tolerancing - some convenient methods**

**Kalja, Ahto; Kindel, Kristiina; Tidemann, Mart; Tidemann, Tiit** Engineering Graphics BALTGRAF-6 : proceedings of the Sixth International Conference : Riga, Latvia, June 13-14, 2002 2002 / p. 65-70 : ill

#### **Early activities in the field of software process improvement in Estonia**

**Kalja, Ahto;** Oruaas, Jaan Baltic IT review 1999 / 4, p. 59-62

#### **e-EDU - an information system for e-learning services**

**Robal, Tarmo; Kalja, Ahto** Proceedings of the Sixth International Baltic Conference : BalticDBAMPIS 2004 : Riga, June 3-6, 2004. Vol. 2 2004 / p. 143-154

#### **e-EDU - an information system for e-learning services**

**Robal, Tarmo; Kalja, Ahto** Databases and information systems 2005 / p. 288-298

#### **Eessõna Ilkka Hannula ja Risto Linturi raamatule "Sada nähtust 2000 - 2020"**

**Kalja, Ahto** A & A 1999 / 1, lk. 40 [https://artiklid.elnet.ee/record=b1000233\\*est](https://artiklid.elnet.ee/record=b1000233*est)

#### **Eesti ülikoolide ja infotehnoloogiafirmade koostööst**

Jaakkola, Hannu; **Kalja, Ahto;** Meriste, Merik Arvutimaailm 1998 / 1, lk. 28-31: ill

#### **Eesti-Soome informaatika töörühm alustas**

**Kalja, Ahto** Arvutustehnika ja Andmetöötlus : A&A 1989 / lk. 38 [https://www.estr.ee/record=b1071940\\*est](https://www.estr.ee/record=b1071940*est)

#### **eGovernment in Estonia : best practices**

**Kalja, Ahto;** Reitsakas, A.; Saard, N. Technology management : a unifying discipline for melting the boundaries 2005 / p. 500-506

#### **eGovernment services : How to develop them, how to manage them?**

**Kalja, Ahto; Kindel, Kristiina; Kivi, Riina; Robal, Tarmo** Proceedings of PICMET'07 : Management of Converging Technologies : Portland, OR, USA, 5-9. August 2007 2007 / p. 2795-2798 <https://ieeexplore.ieee.org/document/4349620>

#### **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, DBAMPIS 2008 2009 / p. 117-128 : ill

#### **Esimesed kümme X-tee aastat**

**Kalja, Ahto** Eesti infoühiskonna aastaraamat 2011/2012 2012 / lk. 78-80

#### **Estonian eGovernment services : lesson learned**

**Kalja, Ahto; Pöld, Janari; Robal, Tarmo; Vallner, Uuno; Viies, Vladimir** Proceedings of PICMET'13 : Technology Management in the IT-Driven Services : [July 28-August 1, 2013, San Jose, California, USA] 2013 / p. 562-568 : ill

## **Estonian information technology policy in government, industry, and research**

Jaakkola, Hannu; **Kalja, Ahto** Technology managements : strategies & applications 1997 / 3, 299-307

### **Evaluating Web systems on the basis of users' behavior modeling**

**Robal, Tarmo; Kalja, Ahto** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 64-67 : ill

### **Evaluations for improving web systems on the basis of users behaviour modelling**

**Robal, Tarmo; Kalja, Ahto** Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DBAMPIS 2008 : Tallinn, June 2-5, 2008 2008 / p. 229-240 : ill

### **Expectations of software development practitioners for non-technical clients**

**Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto** Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 317-330 : ill <https://doi.org/10.3233/978-1-61499-458-9-317> Conference proceedings at Scopus Article at Scopus Article at WOS

### **A five step refactoring process : improving software design properly**

**Pöld, Janari; Kalja, Ahto; Robal, Tarmo** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 93-96 : ill

### **A five step refactoring process : improving software design properly**

**Pöld, Janari; Kalja, Ahto; Robal, Tarmo** Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DBAMPIS 2008 : Tallinn, June 2-5, 2008 2008 / p. 37-48 : ill

### **A framework for improving web application user interfaces through immediate evaluation**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Databases and information systems IX : selected papers from the twelfth International Baltic Conference, DB&IS 2016 2016 / p. 283-296 : ill <https://doi.org/10.3233/978-1-61499-714-6-283> Article collection metrics at Scopus Article at Scopus Article at WOS

### **From pencil to CAD and visual programming**

**Tidemann, Mart; Kalja, Ahto; Tidemann, Tiit** Engineering Graphics BALTGRAF-8 : proceedings of the Eighth International Conference : Tallinn, Estonia, June 8-9, 2006 2006 / p. 131-136 : ill

### **Guidelinr : a tool to improve Web UI development for better usability**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** WIMS 2018 : 8th International Conference on Web Intelligence, Mining and Semantics, June 25–27 2018, Novi Sad, Serbia : proceedings 2018 / art. 17, 9 p. : ill <https://doi.org/10.1145/3227609.3227667> Conference proceedings at Scopus Article at Scopus

### **Improving IT education in Estonian universities**

Jaakkola, Hannu; **Kalja, Ahto** PICMET97 : papers presented at PICMET97 : Portland International Conference on Management of Engineering and Technology : Portland, Oregon, USA, July 27-31, 1997 1997 / p. 121-128

### **Improving sophisticated self-service portal user interfaces : a study on user click behaviour**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 159-170 : ill

### **Infotehnoloogia. Sõnastik. Osa 1, Põhiterminid**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.esther.ee/record=b1210955\\*est](https://www.esther.ee/record=b1210955*est)

### **Infotehnoloogia. Sõnastik. Osa 2, Aritmeetika- ja loogikatehted**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.esther.ee/record=b1210961\\*est](https://www.esther.ee/record=b1210961*est)

### **Infotehnoloogia. Sõnastik. Osa 3, Aparatuuritehnika**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.esther.ee/record=b1708557\\*est](https://www.esther.ee/record=b1708557*est)

### **Infotehnoloogia. Sõnastik. Osa 4, Andmekorraldus**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.esther.ee/record=b1210974\\*est](https://www.esther.ee/record=b1210974*est)

### **Infotehnoloogia. Sõnastik. Osa 5, Andmeesitus**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.esther.ee/record=b1210985\\*est](https://www.esther.ee/record=b1210985*est)

### **Infotehnoloogia. Sõnastik. Osa 6, Andmevalmendus ja andmekäitlus**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.esther.ee/record=b1211001\\*est](https://www.esther.ee/record=b1211001*est)

### **Infotehnoloogia. Sõnastik. Osa 7, Programmeerimine**

Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2002 [https://www.estر.ee/record=b1620201\\*est](https://www.estر.ee/record=b1620201*est)

**Infotehnoloogia. Sõnastik. Osa 8, Turvalisus**

Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1323628\\*est](https://www.estر.ee/record=b1323628*est)

**Infotehnoloogia. Sõnastik. Osa 9, Andmeside**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211010\\*est](https://www.estر.ee/record=b1211010*est)

**Infotehnoloogia. Sõnastik. Osa 10, Käitusmeetodid ja -vahendid**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1211013\\*est](https://www.estر.ee/record=b1211013*est)

**Infotehnoloogia. Sõnastik. Osa 11, Töötlusseadmed**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1211017\\*est](https://www.estر.ee/record=b1211017*est)

**Infotehnoloogia. Sõnastik. Osa 12, Välisseadmed**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1211025\\*est](https://www.estر.ee/record=b1211025*est)

**Infotehnoloogia. Sõnastik. Osa 13, Raalgraafika**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211072\\*est](https://www.estر.ee/record=b1211072*est)

**Infotehnoloogia. Sõnastik. Osa 14, Töökindlus, hooldatavus ja käideldavus**

Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1323632\\*est](https://www.estر.ee/record=b1323632*est)

**Infotehnoloogia. Sõnastik. Osa 15, Programmikeeled**

Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2001 [https://www.estر.ee/record=b1536049\\*est](https://www.estر.ee/record=b1536049*est)

**Infotehnoloogia. Sõnastik. Osa 16, Infoteooria**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211077\\*est](https://www.estر.ee/record=b1211077*est)

**Infotehnoloogia. Sõnastik. Osa 17, Andmebaasid**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211082\\*est](https://www.estر.ee/record=b1211082*est)

**Infotehnoloogia. Sõnastik. Osa 18, Hajustöötlus**

Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2001 [https://www.estر.ee/record=b1536056\\*est](https://www.estر.ee/record=b1536056*est)

**Infotehnoloogia. Sõnastik. Osa 19, Analoogarvutid**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1211085\\*est](https://www.estر.ee/record=b1211085*est)

**Infotehnoloogia. Sõnastik. Osa 20, Süsteemiarendus**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211096\\*est](https://www.estر.ee/record=b1211096*est)

**Infotehnoloogia. Sõnastik. Osa 21, Protsessiliidesed**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1211102\\*est](https://www.estر.ee/record=b1211102*est)

**Infotehnoloogia. Sõnastik. Osa 22, Kalkulaatorid**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1999 [https://www.estر.ee/record=b1211104\\*est](https://www.estر.ee/record=b1211104*est)

**Infotehnoloogia. Sõnastik. Osa 23, Tekstitöötlus**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211107\\*est](https://www.estر.ee/record=b1211107*est)

**Infotehnoloogia. Sõnastik. Osa 24, Integraalne raalvalmistus**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211114\\*est](https://www.estر.ee/record=b1211114*est)

**Infotehnoloogia. Sõnastik. Osa 25, Kohtvõrgud**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211120\\*est](https://www.estر.ee/record=b1211120*est)

**Infotehnoloogia. Sõnastik. Osa 26, Avatud süsteemide ühendamine**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211497\\*est](https://www.estر.ee/record=b1211497*est)

**Infotehnoloogia. Sõnastik. Osa 27, Bürooautomaatika**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211505\\*est](https://www.estر.ee/record=b1211505*est)

**Infotehnoloogia. Sõnastik. Osa 28, Intellektitehnika. Põhimõisted ja ekspertsüsteemid**

Hanson, Vello; **Agur, Ustus; Kalja, Ahto; Võhandu, Leo** 1998 [https://www.estر.ee/record=b1211510\\*est](https://www.estر.ee/record=b1211510*est)

**Infotehnoloogia. Sõnastik. Osa 29, Intellektitehnika. Kõnetuvastus ja kõnesüntees**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2001 [https://www.ester.ee/record=b1536063\\*est](https://www.ester.ee/record=b1536063*est)

**Infotehnoloogia. Sõnastik. Osa 30, Raalnägemine**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2003 [https://www.ester.ee/record=b1763027\\*est](https://www.ester.ee/record=b1763027*est)

**Infotehnoloogia. Sõnastik. Osa 31, Intellektitehnika. Tehisõpe**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 1999 [https://www.ester.ee/record=b1323638\\*est](https://www.ester.ee/record=b1323638*est)

**Infotehnoloogia. Sõnastik. Osa 32, Elektronpost**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2002 [https://www.ester.ee/record=b1620212\\*est](https://www.ester.ee/record=b1620212*est)

**Infotehnoloogia. Sõnastik. Osa 33, Hüpermeedium ja multimeedium**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2003 [https://www.ester.ee/record=b1763032\\*est](https://www.ester.ee/record=b1763032*est)

**Infotehnoloogia. Sõnastik. Osa 34, Intellektitehnika. Neurovõrgud**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2001 [https://www.ester.ee/record=b1536069\\*est](https://www.ester.ee/record=b1536069*est)

**Infotehnoloogia. Sõnastik. Osa 35, Võrgundus**  
Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Võhandu, Leo** 2003 [https://www.ester.ee/record=b1763034\\*est](https://www.ester.ee/record=b1763034*est)

**Infotehnoloogiaüritustel Riias**  
**Kalja, Ahto; Penjam, Jaan** A & A 1998 / 3, lk. 58-60

**Interactive hands-on tools as learning objects on web services**  
**Robal, Tarmo; Kalja, Ahto** 2009 International Conference on Microelectronic Systems Education : San Francisco, CA, USA, 25-27 July, 2009 2009 / p. 73-76

**IT innovation is the first step on the way to the information society**  
Jaakkola, Hannu; **Kalja, Ahto** Proceedings PICMET01 : Portland, Oregon, USA, 2001 : book of summaries. Vol. 1 2001 / p. 490

**IT strategies and government IT policy in Estonia - changes and foreign influences**  
**Kalja, Ahto; Jaakkola, Hannu** Technological innovation and global challenges : proceedings of the European Conference on Management of Technology, Aston University, Birmingham, UK 1995 / p. 876-883

**Key success factors of a regional software process improvement program**  
**Lepasaar, Marion; Kalja, Ahto; Varkoi, T.; Jaakkola, Hannu** Proceedings PICMET01 : Portland, Oregon, USA, 2001 : book of summaries. Vol. 1 2001 / p. 432 <https://ieeexplore.ieee.org/document/952341>

**Learning from users for a better and personalized web experience**  
**Robal, Tarmo; Kalja, Ahto** 2012 Proceedings of PICMET '12 : Technology Management for Emerging Technologies 2012 / p. 2179-2188 : ill

**Läti keelel on teadustöös suurem roll kui eesti keelel**  
**Haav, Hele-Mai; Kalja, Ahto; Nõges, Krööt** Mente et Manu 2014 / lk. 16-17 : fot [https://artiklid.elnet.ee/record=b2674038\\*est](https://artiklid.elnet.ee/record=b2674038*est)

**Making use of personalized web services in the study process**  
**Robal, Tarmo; Kalja, Ahto** BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 211-212 : ill

**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, QoS, 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](https://link.springer.com/content/pdf/10.1007/978-3-540-76292-8_20.pdf)

**Managing knowledge in Web portals for improved customer loyalty and satisfaction**  
**Robal, Tarmo; Kalja, Ahto** Proceedings of PICMET'13 : Technology Management in the IT-Driven Services : [July 28-August 1, 2013, San Jose, California, USA] 2013 / p. 1207-1216 : ill

**Managing software engineering competences with domain ontology for customer and team profiling and training**

**Robal, Tarmo; Ojastu, Deniss; Kalja, Ahto; Jaakkola, Hannu** PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 1369-1376 : ill <http://dx.doi.org/10.1109/PICMET.2015.7273171>

**Managing software engineering competences with domain ontology for customer and team profiling and training**  
**Robal, Tarmo; Ojastu, Deniss; Kalja, Ahto; Jaakkola, Hannu** PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 62

#### **Mapping of SQL relational schemata to OWL ontologies**

**Astrova, Irina; Kalja, Ahto** Proceedings of the 6th WSEAS International Conference on Applied Informatics and Communications : Crete Island, Greece, August 18-20, 2006 2006 / p. 375-380 <https://dl.acm.org/doi/abs/10.5555/1366421.1366487>

#### **Masinaelementide raalprojekteerimise paketid "Expertprizis"**

**Kalja, Ahto; Tiidemann, Tiit** Arvutustehnika ja Andmetöötlus 1988 / lk. 13-17 : ill [https://www.esther.ee/record=b1071940\\*est](https://www.esther.ee/record=b1071940*est)

#### **Masinprojekteerimine**

**Kalja, Ahto; Tiidemann, Tiit; Tõugu, Enn** 1991 [http://www.esther.ee/record=b1190460\\*est](http://www.esther.ee/record=b1190460*est)

#### **Mining and modelling web user engagement : a survey on academic sites for framework establishment [Electronic resource]**

**Robal, Tarmo; Kalja, Ahto** PICMET '16 : Portland International Conference on Management of Engineering and Technology : proceedings. Technology Management for Social Innovation 2016 / p. 1942-1952 : ill. [USB] <https://doi.org/10.1109/PICMET.2016.7806759>

#### **A model for users' action prediction based on locality profiles**

**Robal, Tarmo; Kalja, Ahto** Information systems development : challenges in practice, theory and education. Volume 1 2009 / p. 169-182 [https://link.springer.com/chapter/10.1007/978-0-387-68772-8\\_14](https://link.springer.com/chapter/10.1007/978-0-387-68772-8_14)

#### **Modernization of the e-government in Estonia**

**Kalja, Ahto; Pöld, Janari; Robal, Tarmo; Vallner, Uuno** Proceedings of PICMET '11 : Technology Management in the Energy Smart World (PICMET) : July 31 - August 4, 2011, Portland, Oregon USA 2011 / p. 3151-3157 : ill

#### **Moving Hadoop to the Cloud for Big Data Analytics**

**Astrova, Irina; Koschel, Arne; Heine, Felix; Kalja, Ahto** Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. 195-209 <https://doi.org/10.3233/978-1-61499-941-6-195> [https://www.esther.ee/record=b5203991\\*est](https://www.esther.ee/record=b5203991*est) Conference proceedings at Scopus Article at Scopus Article at WOS

#### **Moving studies to e-environments : a case study**

**Robal, Tarmo; Kalja, Ahto** Current Developments in Technology-Assisted Education : Badajoz, Spain. Vol. II 2006 / p. 936-940

#### **A multilevel modelling environment for machine elements design**

**Kalja, Ahto; Kindel, Kristiina; Tiidemann, Mart; Tiidemann, Tiit** OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 45-50 : ill [https://www.esther.ee/record=b1642353\\*est](https://www.esther.ee/record=b1642353*est)

#### **Mõõtahelate ja istude koosarvutamisest**

**Tiidemann, Tiit; Kalja, Ahto** Tallinna Tehnikakõrgkooli Toimetised 2004 / lk. 61-65 : ill

#### **New generations of Estonian eGovernment components**

**Kalja, Ahto; Robal, Tarmo; Vallner, Uuno** PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 625-631 : ill <http://dx.doi.org/10.1109/PICMET.2015.7273002>

#### **New generations of Estonian eGovernment components**

**Kalja, Ahto; Robal, Tarmo; Vallner, Uuno** PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 93

#### **A novel approach to mapping SQL relational schemata to OWL ontologies**

**Astrova, Irina; Kalja, Ahto** WSEAS transactions on information science and applications 2006 / 3, p. 2215-2222

#### **On integration of object-oriented applications with relational databases**

**Astrova, Irina** 2003 [http://www.esther.ee/record=b1833107\\*est](http://www.esther.ee/record=b1833107*est)

#### **On proving the concept of an ontology aided software refactoring tool**

**Pöld, Janari; Robal, Tarmo; Kalja, Ahto** Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 84-94 <https://doi.org/10.3233/978-1-61499-161-8-84> Article collection metrics at Scopus Article at Scopus Article at WOS

## **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](https://www.researchgate.net/publication/287294774_On_proving_the_concept_of_an_ontology_aided_software_refactoring_tool)

## **Ontology design for automatic evaluation of web user interface usability [Electronic resource]**

**Robal, Tarmo; Marenkov, Jevgeni; Kalja, Ahto** PICMET '17 : Portland International Conference on Management of Engineering and Technology : Technology Management for the Interconnected World : proceedings 2017 / p. 1-8 : ill. [USB]  
<https://doi.org/10.23919/PICMET.2017.8125425>

## **Overview of SPI activities in Estonia**

**Kalja, Ahto;** Oruaas, Jaan Proceedings of the EuroSPI'99 conference : Learn from the Past - Experience the Future : Pori, Finland, 25.-27. October 1999 1999 / p. 8.41-8.47

## **Perceptions of software development practitioners on client learning**

**Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto** Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 397-406

## **Preface**

**Haav, Hele-Mai; Kalja, Ahto; Robal, Tarmo** Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. v

## **PRIZ-pere tarkvarasüsteemid**

**Kalja, Ahto** Arvutustehnika ja Andmetöötlus 1988 / lk. 21-24 [https://www.estet.ee/record=b1071940\\*est](https://www.estet.ee/record=b1071940*est)

## **Professor Ahto Kalja kõne rektor Boris Tamme rinnakuju avamisel : [17. sept. 2003 Akadeemikute allee]**

**Kalja, Ahto** Tallinna Tehnikaülikooli aastaraamat 2003 2004 / lk. 55-56

## **Projekti X-tee arengusammud**

**Kalja, Ahto** A & A 2003 / 3, lk. 15-23 [https://artiklid.elnet.ee/record=b1013459\\*est](https://artiklid.elnet.ee/record=b1013459*est)

## **Public e-service projects in Estonia**

**Kalja, Ahto;** Vallner, Uuno Databases and information systems : proceedings of the Fifth International Baltic Conference : Baltic DB & IS 2002 : Tallinn, June 3-6, 2002. Vol. 2 2002 / p. 143-153

## **Refactoring - key to success for constantly developed projects**

**Pöld, Janari; Kalja, Ahto; Robal, Tarmo** Information modelling and knowledge bases XXVIII 2017 / p. 13-22  
<https://doi.org/10.3233/978-1-61499-720-7-13> Conference proceedings at Scopus Article at Scopus Article at WOS

## **Refactoring - key to success for constantly developed projects [Electronic resource]**

**Pöld, Janari; Kalja, Ahto; Robal, Tarmo** Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016 : June 6-10, 2016, Tampere, Finland 2016 / p. 15-24. [USB]

## **Riigi andmekogude moderniseerimise programm (X-tee)**

**Kalja, Ahto** Infotehnoloogia avalikus halduses : aastaraamat 2001 2001 / lk. 45-48 : ill

## **Saateks**

**Kalja, Ahto** Arvutustehnika ja Andmetöötlus 1992 / 2, lk. [1]

## **Scalable Hadoop-based infrastructure for big data analytics**

**Astrova, Irina; Koschel, Arne; Heine, Felix; Kalja, Ahto** Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 233-242 [https://doi.org/10.1007/978-3-319-97571-9\\_19](https://doi.org/10.1007/978-3-319-97571-9_19) Conference proceedings at Scopus Article at Scopus

## **A semantic method of automatic composition of E-government services**

**Maire, Riina; Grigorenko, Pavel; Haav, Hele-Mai; Kalja, Ahto** Databases and information systems VII : selected papers from the Tenth International Baltic Conference, DB&IS 2012 2013 / p. 204 - 217 <https://doi.org/10.3233/978-1-61499-161-8-204> Article collection metrics at Scopus Article at Scopus Article at WOS

## **Semantilise koosvõime arhitektuur riigi infosüsteemis**

**Haav, Hele-Mai; Kalja, Ahto; Küngas, Peep; Luts, Martin** A & A 2008 / lk. 32-42 : ill [https://artiklid.elnet.ee/record=b1022736\\*est](https://artiklid.elnet.ee/record=b1022736*est)

## **Small knowledge-based CAD systems**

**Kalja, Ahto; Pahapill, Jaak** Information modelling and knowledge bases 3 1992 / p. 347-356  
<https://digikogu.taltech.ee/et/item/0b81d45e-2526-40af-a28d-25ffb6232807>

**Storing OWL ontologies in SQL relational databases**

**Astrova, Irina; Korda, Nahum; Kalja, Ahto** International journal of electrical, computer, and systems engineering 2007 / 4, p. 242-247 <https://zenodo.org/records/1071690>

**Storing OWL ontologies in SQL relational databases**

**Astrova, Irina; Korda, Nahum; Kalja, Ahto** Proceedings of World Academy of Science, Engineering and Technology (WASET) : International Conference on Computer, Electrical, and Systems Science, and Engineering (CESSE) : Berlin, Germany, 2007 2007 / p. 169-172 [https://www.researchgate.net/publication/242756222\\_Storing\\_OWL\\_ontologies\\_in\\_SQL\\_relational\\_databases](https://www.researchgate.net/publication/242756222_Storing_OWL_ontologies_in_SQL_relational_databases)

**A study on effective knowledge reuse in multi-platform web applications user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 1351-1361 : ill <https://doi.org/10.1109/PICMET.2015.7273083>

**A study on immediate automatic usability evaluation of web application user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Databases and Information Systems : 12th International Baltic Conference, DB&IS 2016, Riga, Latvia, July 4-6, 2016 : proceedings 2016 / p. 257-271 : ill [https://doi.org/10.1007/978-3-319-40180-5\\_18\\_Conference\\_Proceedings](https://doi.org/10.1007/978-3-319-40180-5_18_Conference_Proceedings) [Scopus Article at Scopus](#) [Article at WOS](#)

**A study on user click behaviour for WIS user interface improvements**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 173-186 : ill [https://doi.org/10.3233/978-1-61499-458-9-173\\_Conference\\_Proceedings](https://doi.org/10.3233/978-1-61499-458-9-173_Conference_Proceedings) [Scopus Article at Scopus](#) [Article at WOS](#)

**Studying the incorrect user behaviour in sophisticated self-service portal user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 71-74 : ill

**Supporting mechanical design with visual programming in the NUT environment**

**Kalja, Ahto; Tiidemann, Tiit** OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 163-172: ill

**System integration process of government information systems**

**Kalja, Ahto** The proceedings of PICMET03 : Portland, Oregon, USA, 2003 2003 / [6] p

**Teadusseminaril Jaapanis**

**Kalja, Ahto** Arvutustehnika ja Andmetöötlus 1992 / 4, lk. 37-40

**Teine rahvusvaheline infotehnoloogiakonverents "Eesti infomaastik '99"**

**Kalja, Ahto** A & A 1999 / 4, lk. 49-51

**Tele-education projects in the broadband network in Estonia**

**Kalja, Ahto; Ots, Avo; Penjam, Jaan** Baltic IT review 1999 / 3, p. 65-68

**The co-operation of universities and IT companies in Estonia**

**Jaakkola, Hannu; Kalja, Ahto; Meriste, Merik** Pioneering New Technologies : Management Issues and Challenges in the Third Millennium : IEMC '98 proceedings, International Conference on Engineering and Technology Management : October 11 to 13, 1998, San Juan, Puerto Rico, USA 1998 / p. 202-206

**The Estonian semantic interoperability initiative in public sector**

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

**The first ten years of X-road**

**Kalja, Ahto** Estonian information society yearbook 2011/2012 2012 / p. 78-80

**The future of educating IT professionals in Estonia**

**Jaakkola, Hannu; Kalja, Ahto; Meriste, Merik** Baltic IT review 1998 / 3, p. 50-53: ill

**The International IT & Telecommunications Conference "Estonian Infoscape 1998"**

**Kalja, Ahto** Baltic IT review 1998 / 3, p. 15-16: ill

**The most important trends in machine design**

**Kalja, Ahto; Tiidemann, Mart; Tiidemann, Tiit** OST-03 Symposium on Machine Design 2003 / p. 212-219 : ill

**The most prominent software development concepts cited in IT professionals' blogs**

**Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 [https://doi.org/10.1007/978-3-319-21915-8\\_13 Conference proceedings at Scopus Article at Scopus](https://doi.org/10.1007/978-3-319-21915-8_13)

**The Second International Information Technologies and Telecommunications Conference "Estonian Infoscape 1999"**  
**Kalja, Ahto** Baltic IT review 1999 / 2, p. 15-16

**The service-oriented environment of government databases and information systems in Estonia**  
**Kalja, Ahto; Kindel, Kristiina**; Kivi, Riina Baltic ITAMPT review 2004 / 3, p. 7-11 [https://artiklid.elnet.ee/record=b2026367\\*est](https://artiklid.elnet.ee/record=b2026367*est)

**The X-road : a key interoperability component within the state information system**  
**Kalja, Ahto** Information technology in public administration of Estonia : yearbook 2007 2008 / p. 19-22

**The X-road project : a project to modernize Estonia's national databases**  
**Kalja, Ahto** Baltic ITAMPT review 2002 / 1, p. 47-48

**A tool for design-time usability evaluation of web user interfaces**  
**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Advances in databases and information systems 21st European Conference, ADBIS 2017 Nicosia, Cyprus, September 24-27, 2017 : proceedings 2017 / p. 394-407 : ill [https://doi.org/10.1007/978-3-319-66917-5\\_26 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-3-319-66917-5_26)

**Tools and Techniques for event log analysis**  
**Vaarandi, Risto** 2005 [https://www.estet.ee/record=b2045293\\*est](https://www.estet.ee/record=b2045293*est)

**Towards adaptive web - analysing and recommending web users' behaviour = Veebikasutajate käitumise analüüs ja soovitused adaptiivse veebi loomiseks**  
**Robal, Tarmo** 2012 [https://www.estet.ee/record=b2862251\\*est](https://www.estet.ee/record=b2862251*est)

**Towards information society : Estonian case study**  
**Kalja, Ahto; Robal, Tarmo**; Vallner, Uuno Proceedings of PICMET09 : Portland International Conference on Management of Engineering & Technology, 2009 : Portland, Oregon, USA, August 2-6, 2009 2009 / p. 3218-3225 : ill

**Towards the semantic web : extracting OWL ontologies from SQL relational schemata**  
**Astrova, Irina; Kalja, Ahto** Proceedings of the IADIS International Conference WWW/Internet 2006 (ICWI) : Murcia, Spain, 2006, October 5-8. Volume 2 2006 / p. 62-66

**TRIZ and artificial intelligent software in the conceptual design**  
**Kalja, Ahto; Tiidemann, Tiit** The Sixth Annual Conference of the Altshuller Institute for TRIZ Studies : TRIZCON2004 : Seattle, Washington, April 25-27, 2004 2004 / p. 29-1 - 29-7

**TRIZ and ExpertPRIZ type AI software in engineering and education**  
**Tiidemann, Tiit; Kalja, Ahto** World Conference TRIZ Future 2005 : November 16 to 18, 2005, Graz, Austria 2005 / p. 175-181 : ill

**Using software with AI elements for conceptual design of machine elements**  
**Tiidemann, Mart; Kalja, Ahto; Tiidemann, Tiit; Tõugu, Enn** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 357-360 : ill

**Web systems evaluation on users' behaviour modelling**  
**Robal, Tarmo; Kalja, Ahto** Databases and information systems V : selected papers from the Eighth International Baltic Conference, DBAMPIS 2008 2009 / p. 41-52 : ill

**X-road - one of the cornerstones of the state information system**  
**Kalja, Ahto** Information technology in public administration of Estonia : yearbook 2006 2007 / p. 35-43

**X-road data traffic open for the second year**  
**Kalja, Ahto** Information technology in public administration of Estonia : yearbook 2003 2004 / p. 32-37

**X-tee andmeliiklus on avatud teist aastat**  
**Kalja, Ahto** Infotehnoloogia avalikus halduses : aastaraamat 2003 2003 / lk. 32-35 [https://artiklid.elnet.ee/record=b2125800\\*est](https://artiklid.elnet.ee/record=b2125800*est)

**X-tee areng ja teenused**  
**Kalja, Ahto** Infotehnoloogia avalikus halduses : aastaraamat 2002 2002 / lk. 24-26

**X-tee on üks infoühiskonna arendusplaani nurgakividest Eestis [Elektrooniline teavik]**  
**Kalja, Ahto** Infotehnoloogia avalikus halduses : aastaraamat 2006 2006 / lk. 26-29 [https://www.estet.ee/record=b1696552\\*est](https://www.estet.ee/record=b1696552*est)

**X-tee pakub teenustele orienteeritud arhitektuuri**

**Kalja, Ahto Infotehnoloogia avalikus halduses : aastaraamat 2007 2007 / lk. 34-36**

**Индивидуальные базы данных для технологического проектирования**

**Kalja, Ahto Автоматизация технологического проектирования процессов механической обработки 1980 / с. 29-36 : илл**

[https://www.esther.ee/record=b1264085\\*est](https://www.esther.ee/record=b1264085*est) <https://digikogu.taltech.ee/et/item/aa289342-1aa3-423b-bc3c-a9a726e8a77e>

**Инструментальная система программирования ЕС ЭВМ (ПРИЗ)**

**Kahro, Milvi; Kalja, Ahto; Tõugu, Enn 1981 [https://www.esther.ee/record=b1547892\\*est](https://www.esther.ee/record=b1547892*est)**

**Инструментальная система программирования ЕС ЭВМ (ПРИЗ)**

**Kahro, Milvi; Kalja, Ahto; Tõugu, Enn 1988 [https://www.esther.ee/record=b1547903\\*est](https://www.esther.ee/record=b1547903*est)**

**Интеграция расчетного и конструкторского проектирования на персональных ЭВМ**

**Kalja, Ahto; Toomsalu, Toomas; Üksti, Lembit Методология проектирования САПР: тезисы докладов VI Всесоюзного совещания по автоматизации проектирования электротехнических устройств : 14-17 октября 1985 года, Таллин 1985 / с. 152-154**