



Laitosraportti

Tilanne 05.04.2013

Yksikkö: Tietojenkäsittelytieteen laitos
Huomioi myös alemmat organisaatiot: Kyllä
Vuosi/Vuosi: 2010
Huomioi vain jos ensimmäisenä organisaationa: Ei

Julkaisut

Kansainväliset tieteelliset referee-julkaisut

Ahonen JJ & Savolainen P. 2010. Software engineering projects may fail before they are started: Post-mortem analysis of five cancelled projects *The Journal of Systems and Software* 83: 2175-2187.

Alho J & Keilman N. 2010. On future household structure *Journal of the Royal Statistical Society: Series A* 173 1: 117-143.

Antikainen J. 2010. Spectral Imaging: A Comparison of Different Spectral Imaging Systems. Teoksessa: Gabriele Simone, Jon Yngve Hardeberg, Ivar Farup (toim.), *The Create 2010 Conference*. ss. 305-308.

Antikainen J, Hauta-Kasari M, Jaaskelainen T & Parkkinen J. 2010. Fast Non-Iterative PCA computation for spectral image analysis using GPU. Teoksessa: - (toim.), *The 12th International Symposium on Multispectral Colour Science, MCS'10. Society for Imaging Science and Technology*. ss. 554-559.

Asikainen Mikko, Rönkkö Mauno, Haataja Keijo, Toivanen Pekka. 2010. A Novel 3D-Based Network Simulation Platform for Wireless Indoor Networks *International Journal on Advances in Networks and Services* 3 3&4: 381-390.

Asikainen Mikko, Rönkkö Mauno, Haataja Keijo, Toivanen Pekka. 2010. A Novel 3D-Based Network Simulation Platform for ZigBee Networks. Teoksessa: Gyires Tibor, Hladka Eva, Lorenz Pascal, Pozniak-Koszalka Iwona (toim.), *The Ninth International Conference on Networks (ICN 2010)*. IEEE Computer Society, CPS Conference Publishing Services. ss. 151-156.

Bada JK & Suhonen J. 2009. Design and Development of Computer Games: A Pedagogical Perspective for HIV/AIDS Prevention in Schools. Teoksessa: Bastianes T, Dron J & Xin C (toim.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, E-Learn*. ss. 1104-1112.

Bada JK & Suhonen J. 2009. Pedagogical and Conceptual Design of An E-learning Environment for HIV/AIDS Education. Teoksessa: - (toim.), *5th Annual International Conference on Computing and ICT Research, ICCIR 09*. ss. 228-237.

Bada, JK & Suhonen J. 2009. A Framework in Designing Web-Based HIV/AIDS Preventive Education and Counseling Services to Youth: A Ugandan Perspective. Teoksessa: - (toim.), *Proceedings of the IADIS e-Learning 2009 Conference*. ss. -.

Chen J, Zhao Q & Fränti P. 2010. Smart Swap for More Efficient Clustering. Teoksessa: - (toim.), *International Conference on Green Circuits and Systems, ICGCS 2010*. ss. 446-450.

Chen M, Fränti P & Xu M. 2010. Lossless Bit-plane Compression of Images with Context Tree Modeling. Teoksessa: - (toim.), *International Conference on Green Circuits and Systems, ICGCS 2010*. ss. 605-610.

Chen M, Xu M & Fränti P. 2010. Fast Dynamic Quantization Algorithm for Vector Map Compression. Teoksessa: - (toim.), *Proceedings of 2010 IEEE 17th International Conference on Image Processing, ICIP*. ss. 4289-4292.

Chen M, Xu M & Fränti P. 2010. Statistical filtering of raster map images. Teoksessa: Khong AWH and Kim C (Eds.) (toim.), *2010 IEEE International Conference on Multimedia & Expo, ICME 2010*. ss. 394-

399.

Chen, Minjie, Xu, Mantao & Fränti, Pasi. 2010. Optimized entropy-constrained vector quantization of lossy vector map compression. Teoksessa: - (toim.), IEEE 20th International Conference on Pattern Recognition, ICPR 2010. ss. 722-725.

Dai Y, Kakkonen T & Sutinen E. 2010. MinEDec: a decision support model that combines text mining with competitive intelligence. Teoksessa: - (toim.), 9th International Conference on Computer Information Systems and Industrial Management Applications (CISIM 2010). ss. 211-216.

Dai Y, Kakkonen T & Sutinen E. 2010. MinerVA: a decision support model that uses novel text mining technologies. Teoksessa: - (toim.), The 4th International Conference on Management and Service Science (MASS 2010). ss. 1-4.

de la Harpe R, Barnes J, Korpela M. 2010. Information Needs in Home Based Healthcare in South Africa. Teoksessa: Safran C, Reti S, Marin HF (toim.), Medinfo 2010 - Proceedings of the 13th World Congress on Medical Informatics. IOS Press. Studies in Health Technology and Informatics 160. ss. 53-57.

Duveskog M, Islas Sedano C & Sutinen E. 2010. Working for My Dreams - A Tanzanian OLPC Experience. Teoksessa: Cunningham P & Cunningham M (toim.), IST-Africa 2010 Conference proceedings. IIMC International Information Management Corporation, 2010. ss. 872-873.

Duveskog M, Vesisenaho M, Randolph J & Sutinen E. 2010. Beyond Taboos: Expressing HIV/AIDS Attitudes through Contextualized Learning Technology. Teoksessa: Sanchez J & Zhang K (toim.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (ELEARN) 2010. AACE. ss. 68-73.

Eivazi S & Bednarik R. 2010. Inferring Problem Solving Strategies Using Eye-Tracking: System Description and Evaluation. Teoksessa: - (toim.), Koli Calling'10 Proceedings of the 10th Koli Calling International Conference on Computing Education Research. ACM Inc., Digital Library. ss. -.

Fredriksson K. 2010. From Nondeterministic Suffix Automaton to Lazy Suffix Tree LECTURE NOTES IN COMPUTER SCIENCE 6060: 114-129.

Fredriksson K. 2010. On building minimal automaton for subset matching queries INFORMATION PROCESSING LETTERS 110 24: 1093-1098.

Fränti P, Kuittinen J, Tabarcea A & Sakala L. 2010. MOPSI Location-Based Search Engine: Concept, Architecture and Prototype. Teoksessa: - (toim.), ACM Symposium on Applied Computing (SAC'10). ss. 872-873.

Fränti P, Tabarcea A, Kuittinen J & Hautamäki V. 2010. Location-based search engine for multimedia phones. Teoksessa: Khong AWH and Kim C (Eds.) (toim.), 2010 IEEE International Conference on Multimedia & Expo, ICME 2010. ss. 558-563.

Haapio T & Eerola A. 2010. Software project effort assessment Journal of Software Maintenance and Evolution: Research and Practice 22 8: 629-652.

Haataja Keijo, Toivanen Pekka. 2010. Two Practical Man-In-The-Middle Attacks on Bluetooth Secure Simple Pairing and Countermeasures IEEE Transactions on Wireless Communications 9 1: 384-392.

Hautamäki, V, Kinnunen, T, Nosratighods, M, Lee, K, Ma, B & Li, H. 2010. Approaching Human Listener Accuracy with Modern Speaker Verification. Teoksessa: - (toim.), Interspeech'2010. ss. 1473-1476.

Heikkinen V., Tokola T., Parkkinen J., Korpela I. & Jääskeläinen T. 2010. Simulated Multispectral Imagery for Tree Species Classification Using Support Vector Machines IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING 48 3: 1355-1364.

Hirvonen T. 2010. The Characterisation and Comparison of Colour Reproduction of LCD and CRT Monitors. Teoksessa: Simone G, Hardeberg JY and Farup I (Eds.) (toim.), The Create 2010 Conference. ss. 291-295.

Hyppönen K, Paganuzzi V.M. 2010. Computer Science Research Articles: the Locations of Different Section Types, and a Proposal for Standardization in the Structure SCIENTOMETRICS 84 1: 199-220.

Islas Sedano C, Duveskog M. & Sutinen E. 2010. Hypercontextualizing a Game Workshop in Tanzania. Teoksessa: Cunningham P & Cunningham M (toim.), IST-Africa 2010 Conference proceedings. IIMC

International Information Management Corporation, 2010. ss. 1-9.

Islas Sedano C, Pawlowski J, Sutinen E, Naumanen M, Vinni M, Laine TH. 2010. Involvement of non-technical individuals in the design of successful digital games IEEE Multidisciplinary Engineering Education Magazine 5 3: 10-18.

Joni Orava, Timo Jaaskelainen, and Jussi Parkkinen. 2010. Large Gamut Backlight for an LCD With Four Primaries Journal of Display Technology 6 5: 170-177.

Jussi Kinnunen, Jukka S. Jurvelin, Jaana Mäkitalo, Markku Hauta-Kasari, Pasi Vahimaa, Simo Saarakkala. 2010. Optical spectral imaging of degeneration of articular cartilage Journal of Biomedical Optics 15 4: 046024-1 -8.

Jäntti Marko, Kalliokoski Jaakko. 2010. Identifying Knowledge Management Challenges in a Service Desk: A Case Study. Teoksessa: Atzenbeck C, Dini O, Hitson M, Jerman-Blazic B (toim.), The Second International Conference on Information, Process, and Knowledge Management (eKNOW 2010).IEEE Computer Society. ss. 100-105.

Jäntti Marko, Kalliokoski Jaakko, Vähäkainu Kyösti, Honkala Tuomas, Hakkarainen Tarja. 2010. Establishing a Service Support Knowledge Base System: A Case Study. Teoksessa: Ege Raimund, Koszalka Leszek (toim.), The Fifth International Conference on Systems (ICONS 2010).IEEE Computer Society, CPS Conference Publishing Services. ss. 71-76.

Jäntti Marko, Lahtela Antti, Kaukola Jukka. 2010. Establishing a Measurement System for IT Service Management Processes: A Case Study International Journal on Advances in Systems and Measurements 3 3 & 4: 125-136.

Kilpeläinen P. 2010. Do all roads lead to Rome? (Or reductions for dummy travelers) Computer Science Education 20 3: 181-199.

Kinnunen J. 2010. Fluorescence: One Phenomenon, Many Applications. Teoksessa: Simone G, Hardeberg JY and Farup I (Eds.) (toim.), The Create 2010 Conference. ss. 296-299.

Kinnunen T, Saeidi R, Sandberg J & Hansson-Sandsten M. 2010. What else is new than the Hamming window? Robust MFCCs for speaker recognition via multitapering. Teoksessa: - (toim.), Interspeech'2010. ss. 2734-2737.

Kinnunen T, Sedlak F & Bednarik R. 2010. Towards task-independent person authentication using eye movement signals. Teoksessa: - (toim.), Proceedings of the 2010 Symposium on Eye-Tracking Research & Applications (ETRA 2010). ss. 187-190.

Kohonen O. 2010. Effect of Wavelength Interval on Retrieval of Spectral Face Images. Teoksessa: Simone G, Hardeberg JY and Farup I (Eds.) (toim.), The Create 2010 Conference. ss. 212-216.

Kohonen O. 2010. Enhancing Spectral Color Images by RGB-Based Sharpening. Teoksessa: - (toim.), The 12th International Symposium on Multispectral Colour Science, MCS'10.Society for Imaging Science and Technology. ss. 541-546.

Kohonen O. 2010. Multiresolution-Based Pansharpening in Spectral Color Images. Teoksessa: - (toim.), The 12th International Symposium on Multispectral Colour Science, MCS'10.Society for Imaging Science and Technology. ss. 535-540.

Kolesnikov A. 2010. Approximation of digitized curves with cubic Bézier splines. Teoksessa: - (toim.), Proceedings of 2010 IEEE 17th International Conference on Image Processing (ICIP'10). ss. 4285-4288.

Kolesnikov A. 2010. Fast algorithm for error-bounded compression of digital curves. Teoksessa: - (toim.), Proceedings of 2010 IEEE 17th International Conference on Image Processing (ICIP'10). ss. 1453-1456.

Lahtela A & Jäntti M. 2010. Improving IT Service Management Process: A Case Study on IT Service Support. Teoksessa: (toim.), 17th European Conference, EuroSPI 2010, Grenoble, France, September 2010. ss. 95-106.

Lahtela A, Jylhä V, Saranto K & Naaranlahti T. 2010. Effects of Automated Dose-Dispensing System on Medication Management Process. Teoksessa: Hariprakash, R., Egyed-Zsigmond, E. ja Hoffmann, M (toim.) (toim.), The Third International Conference on Advances in Human-Oriented and Personalized Mechanisms, Technologies, and Services (CENTRIC 2010), 22-27 August 2010, Nice, France.CPS, Conference Publishing Services. ss. 56-60.

- Lahtela Antti, Jäntti Marko, Kaukola Jukka. 2010. Implementing an ITIL-based IT Service Management System. Teoksessa: Berntzen Lasse, Bodendorf Freimut, Lawrence Elaine, Perry Mark, Smedberg Åsa (toim.), 2010 Fourth International Conference on Digital Society (ICDS 2010).CPS. ss. 249-254.
- Laine TH, Islas Sedano C, Joy M & Sutinen E. 2010. Critical Factors for Technology Integration in Game-Based Pervasive Learning Spaces IEEE Transactions on Learning Technologies 3 4: 294-306.
- Laine TH, Islas Sedano C, Sutinen E & Joy M. 2010. Viable and portable architecture for pervasive learning spaces. Teoksessa: - (toim.), Proceedings of the 9th ACM International Conference on Mobile and Ubiquitous Multimedia, MUM'10.ACM. ss. -.
- Laine TH, Smith AC, Foko T. 2010. An Intelligent Fractions Learning System: Conceptual Design. Teoksessa: - (toim.), 6th International Workshop on Technology for Innovation and Education in Developing Countries, TEDC 2010. ss. -.
- Lee KA, Li H, You CH, Kinnunen T & Sim KC. 2010. Discrete Expected Likelihood Kernel for SVM-Based Speaker Verification. Teoksessa: - (toim.), 18th European Signal Processing Conference (EUSIPCO-2010). ss. 591-595.
- Luukkonen I, Korpela M & Mykkänen J. 2010. Modelling Approaches in the Early Phases of information Systems Development. Teoksessa: Trish Alexander, Marita Turpin and JP van Deventer (toim.), 18th European Conference on Information Systems, IT to Empower, ECIS 2010, 7-9 June 2010, Pretoria, South Africa,. ss. -.
- MalmiL, Sheard J, Simon, Bednarik R, Helminen J, Korhonen A, Myller N, Sorva J & Taherkhani A. 2010. Characterizing Research in Computing Education: A preliminary analysis of the literature. Teoksessa: - (toim.), Proceedings of the International Computing Education Research Workshop, ICER'10.the Association for Computing Machinery, Inc. (ACM). ss. 3-11.
- Martikainen S, Ikävalko P, Korpela M. 2010. Participatory interaction design in user requirements specification in healthcare. Teoksessa: Safran C, Reti S, Marin HF (toim.), Medinfo 2010 - Proceedings of the 13th World Congress on Medical Informatics.IOS Press. Studies in Health Technology and Informatics 160. ss. 304-308.
- Melleri I, Hiekkänen K, Mykkänen J. 2010. Service-Oriented Business To Business Integration: a systematic literature analysis. Teoksessa: Shen J, Kim SD, Venkatasubramanian N (toim.), 2010 IEEE International Conference on Service-Oriented Computing and Applications (SOCA).IEEE Computer Society CFP1039C-ART. ss. 282-287.
- Mielikäinen J, Honkanen R, Huang B, Toivanen P & Lee C. 2010. Constant coefficients linear prediction for lossless compression of ultraspectral sounder data using a graphics processing unit Journal of Applied Remote Sensing 4 1: -.
- Moreno A, Joy M, Myller N & Sutinen E. 2010. Layered Architecture for Automatic Generation of Conflictive Animations in Programming Education IEEE Transactions on Learning Technologies 3 2: 139-151.
- Mostert-Phipps N, Pottas D, Korpela M. 2010. A Socio-Technical Approach to Continuity of Care and Electronic Records in the South African Context. Teoksessa: Safran C, Reti S, Marin HF (toim.), Medinfo 2010 - Proceedings of the 13th World Congress on Medical Informatics.IOS Press. Studies in Health Technology and Informatics 160. ss. 406-410.
- Mowlae P, Saeidi R, Tan ZH, Christensen MG, Fränti P & Jensen SH. 2010. Joint Single-Channel Speech Separation and Speaker Identification. Teoksessa: - (toim.), IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP'10). ss. 4430-4433.
- Mozgovoy M, Kakkonen T & Cosma G. 2010. Automatic Student Plagiarism Detection: Future Perspectives Journal of Educational Computing Research 43 4: 511-531.
- Mykkänen J, Hyppönen K, Kortelainen P, Lehmuskoski A, Hotti V, Paakkanen E & Ensio A. 2010. National interoperability approach for social services information management in Finland. Teoksessa: Charalabidis, Y (toim.), Interoperability in Digital Public Services and Administration: Bridging E-Government and E-Business. ss. 254-278.
- Mykkänen J, Tuomainen M, Luukkonen I & Itälä T. 2010. Analysis Model for Personal eHealth Solutions and Services. Teoksessa: Blobel, B. Hvannberg, EB. ja Gunnarsdóttir, V. (toim.), Seamless Care - Safe Care, The Challenges of Interoperability and Patient Safety in Health Care, Proceedings of

the EFMI Special Topic Conference, June 2-4, 2010, Reykjavik, Iceland. IOS Press BV. Health Technology and Informatics 155. ss. 205-211.

Naumanen M & Tukiainen M. 2010. Discretionary use of computers and Internet among senior-clubbers-communication, writing and information search. Teoksessa: - (toim.), World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA) 2010. Chesapeake VA: AACE. ss. 100-108.

Naumanen M & Tukiainen M. 2010. Practices in Old Age ICT Education Three Contexts Considered: Clubs, Courses and Home Teaching. Teoksessa: Spector JM, Ifenthaler D, Isaias P, Kinshuk and Sampson D (Eds.) (toim.), Learning and Instruction in the Digital Age. Springer US. ss. 273-288.

Ng R, Leung C, Hautamäki V, Lee T, Ma B. & Li H. 2010. Towards long-range prosodic attribute modeling for language recognition. Teoksessa: - (toim.), Interspeech'2010. ss. 1792-1795.

Paliktzoglou, V, Rogers, C & Suhonen, J. 2010. Design Challenges of Developing an Online PhD Supervision Community. Teoksessa: Psychogios A, Proedrou F, Kalyva E and Eleftherakis G (toim.), Proceedings of the 5th Annual South-East European Doctoral Student Conference. South-East European Research Centre. ss. 401-411.

Palmén Marilla, Korpela Mikko & Saranto Kaija. 2010. Health and wellbeing related information management in families with small children. Teoksessa: Safran C., Reti S. & Marin H.F. (toim.), MEDINFO 2010. Proceedings of the 13th World Congress on Medical Informatics. IOS Press BV. Studies in Health Technology and Informatics Volume 160. ss. 1439.

Pant P. 2010. Spectral Reconstruction and Study of the Changes in the Correlated Color Temperature of Daylight by Principal Component Analysis. Teoksessa: Simone G, Hardeberg JY and Farup I (Eds.) (toim.), The Create 2010 Conference. ss. 258-262.

Pasanen Sanna, Haataja Keijo, Päivinen Niina, Toivanen Pekka. 2010. New Efficient RF Fingerprint-Based Security Solution for Bluetooth Secure Simple Pairing. Teoksessa: Sprague Ralph.H. Jr (toim.), Proceedings of the 43rd Annual Hawaii International Conference on System Sciences. IEEE Computer Society. ss. 202.

Paula Savolainen. 2010. Vague Project Start Makes Project Success of Outsourced Software Development Projects Uncertain. Teoksessa: M. Ali Babar, Matias Vierimaa, Markku Oivo (toim.), 11th International Conference, PROFES 2010, Limerick, Ireland, June 2010 Proceedings. Springer-Verlag. Lecture Notes in Computer Science 6156. ss. 351-365.

Pietinen S, Bednarik R, & Tukiainen M. 2010. Eye-tracking in Collaborative settings: Setup and Descriptive analysis. Teoksessa: - (toim.), The 5th Scandinavian Workshop on Applied Eye-Tracking, SWAET 2010. ss. 38.

Pietinen S, Bednarik R & Tukiainen M. 2010. Shared Visual Attention in Collaborative Programming: A Descriptive Analysis. Teoksessa: - (toim.), ACM/IEEE 32nd International Conference on Software Engineering, ICSE 2010, Cooperative and Human Aspects of Software Engineering, CHASE 2010, Workshop at the ICSE 2010. ss. -.

Pohjalainen J, Saeidi R, Kinnunen T & Alku P. 2010. Extended Weighted Linear Prediction (XLP) Analysis of Speech and its Application to Speaker Verification in Adverse Conditions. Teoksessa: - (toim.), Interspeech'2010. ss. 1477-1480.

Saeidi R, Kinnunen T, Mohammadi HRS, Rodman R & Fränti P. 2010. Joint Frame and Gaussian Selection for Text Independent Speaker Verification. Teoksessa: - (toim.), IEEE International Conference on Acoustics, Speech, and Signal Processing, (ICASSP'10). ss. 4530-4534.

Saeidi, R, Mowlaee, P, Kinnunen, T., Tan, Z, Christnsen, M, Holdt Jensen, S & Fränti, P. 2010. Signal-to-Signal Ratio Independent Speaker Identification for Co-Channel Speech Signals. Teoksessa: - (toim.), IEEE 20th International Conference on Pattern Recognition, ICPR 2010. ss. 4565-4568.

Saeidi R, Mowlaee P, Kinnunen T, Tan Z, Christnsen M, Holdt Jensen S & Fränti P. 2010. Improving Monaural Speaker Identification by Double-Talk Detection. Teoksessa: - (toim.), Interspeech'2010. ss. 1069-1072.

Saeidi R, Pohjalainen J, Kinnunen T & Alku P. 2010. Temporally Weighted Linear Prediction Features for Tackling Additive Noise in Speaker Verification IEEE SIGNAL PROCESSING LETTERS 17 6: 599-602.

Sandberg J, Hansson-Sandsten M, Kinnunen T, Saeidi R, Flanderin P & Borgnat P. 2010. Multitaper

Estimation of Frequency-Warped Cepstra With Application to Speaker Verification IEEE SIGNAL PROCESSING LETTERS 17 4: 343-346.

Sihvonen HM & Jäntti M. 2010. Improving Release and Patch Management Processes: An Empirical Case Study on Process Challenges. Teoksessa: Hall, J. Kaindl, H. Lavazza, L. Buchgeher, G. ja Takaki, O. (toim.) (toim.), The Fifth International Conference on Software Engineering Advances (ICSEA 2010), 22-27 August 2010 Nice, France. IEEE Computer Society. ss. 232-237.

Sihvonen HM & Kurki TA. 2010. Role Management Diversity in Emergency Situations. Teoksessa: - (toim.), 2010 IEEE International Conference Technologies for Homeland Security, November 8-10, 2010 Westin Boston-Waltham Hotel, Boston, MA. IEEE. ss. 258-263.

Sutinen E. 2010. Technology for Losers: Re-Equipping the Excluded IEEE Communications Magazine 48 2: 120-124.

Sutinen E & Tedre M. 2010. ICT4D: A Computer Science Perspective. Teoksessa: Elomaa T, Mannila H ja Orponen P (Eds.) (toim.), Algorithms and Applications: Essays Dedicated to Esko Ukkonen on the Occasion of His 60th Birthday. Springer-Verlag. Theoretical Computer Science and General Issues 6060. ss. 221-231.

Tabarcea A, Hautamäki V & Fränti P. 2010. Ad-Hoc Georeferencing of Web-Pages Using Street-name Prefix Trees. Teoksessa: - (toim.), International Conference on Web Information Systems & Technologies (WEBIST'10), Vol. 1. ss. 237-244.

Tedre M & Bangu N. 2009. Implementing a Contextualized IT Curriculum: Changes through Challenges. Teoksessa: Pears, A and Schulte, C (toim.), Proceedings of the 9th Koli Calling International Conference on Computing Education Research. Uppsala University, Department of Information Technology. ss. 67-75.

Teemu H. Laine, Mikko Vinni, Carolina Islas Sedano and Mike Joy. 2010. On designing a pervasive mobile learning platform ALT-J Research in Learning Technology 18 1: 3-17.

Tian W, Chen M, Xu M, Fränti P & Wang H. 2010. Image Denoising Using Context Quantization and Local Linear Regression. Teoksessa: - (toim.), International Conference on Green Circuits and Systems, ICGCS 2010. ss. 451-456.

Tiihonen T, Luukkonen I & Korpela M. 2010. Modelling the Context of Information Systems. Teoksessa: - (toim.), IST-Africa 2010 Conference Proceedings 19-21 MAY 2010, Durban, South Africa. IIMC International Information Management Corporation Ltd. ss. -.

Tomi Kinnunen and Haizhou Li. 2010. An Overview of Text-Independent Speaker Recognition: From Features to Supervectors Speech Communication 52 -: 12-40.

Tuomo Kakkonen, Maxim Mozgovoy. 2010. Hermetic and Web Plagiarism Detection Systems for Student Essays - An Evaluation of the State-of-the-Art Journal of Educational Computing Research 42 2: 135-159.

Vesisenaho, Mikko & Sutinen, Erkki. 2010. Smart Morning in an African Village: Diversifying Technologies within a Tanzanian Context. Seminar.net 6 1: 60-75.

Wettergren G, Suhonen J, Rogers C, Hansson H & Limbert L. 2009. The impact of synchronous online communication on cooperation, networking, and learning - Case studies from research projects and higher education. Teoksessa: - (toim.), ICDE 23rd World Conference Including EADTU Annual Conference, The Netherlands, Maastricht MECC 2009. ss. -.

Wu Z, Kinnunen T, Chng E & Li H. 2010. Text-Independent F0 Transformation with non-Parallel Data for Voice Conversion. Teoksessa: - (toim.), Interspeech'2010. ss. 1732-1735.

Zhu, Z, Rahardja, S, Li, Z & Fränti, P. 2010. Detecting and Composing Near-identical HDR Images without Exposure Information. Teoksessa: - (toim.), Proceedings of 2010 IEEE 17th International Conference on Image Processing, ICIP. ss. 3337-3340.

Zhu Z, Wu S, Rahardja S and Fränti P. 2010. Real-time Ghost Removal for Composing High. Teoksessa: - (toim.), The 5th IEEE Conference on Industrial Electronics and Applications, ICIEA 2010. ss. 1627-1631.

Kotimaiset tieteelliset referee-julkaisut

Lahtela A. 2010. Automaattiset tunnistusteknologiat terveydenhuollossa: vaatimukset ja rajoitukset

RFID-tekniologialle FINNISH JOURNAL OF EHEALTH AND WELFARE 2 1: 16-20.

Matti Tedre, Fredrick Ngumbuke and Jyri Kemppainen. 2010. Infrastructure, Human Capacity, and High Hopes: A Decade of Development of e-Learning in a Tanzanian HEI Revista de Universidad y Sociedad del Conocimiento (RUSC) 7 1: 7-20.

Miettinen Aki, Nevalainen Jaana & Röppänen Päivi. 2010. Menetelmän kehittäminen sosiaalihuollon toimintaprosessien kuvaamiseen Finnish Journal of eHealth and eWelfare 2 1: 33-39.

Palmén Marilla, Kouri Pirkko, Wuorisalo Jyri. 2010. Vanhemmuuden tukeminen sosiaalisen median avulla - äitien kokemuksia. Teoksessa: Anna Väinälä, Hannele Hyppönen (toim.), Sosiaali- ja terveydenhuollon tietojenkäsittely tutkimuspäivät. Tutkimuspäivät 2010. Terveiden ja hyvinvoinnin laitos. Avauksia 15/2010. ss. 64-70.

Roman Bednarik (Toim.). 2010. Tietojenkäsittelytieteen päivät 2010, The Computer Science Days 2010. University of Eastern Finland. Publications of the University of Eastern Finland. Reports and Studies in Forestry and Natural Sciences 2.

Virkanen H, Mykkänen J & Kajaste T. 2010. Status of Interoperability Requirements related to IHE Integration Profiles in Finland FINNISH JOURNAL OF EHEALTH AND WELFARE 2 2: 70-78.

Toimitetut julkaisut

Mykkänen J, Holopainen A & Erkkilä E. 2010. XV Kansallinen telelääketieteen ja e-Health seminaari, The 15th Finnish National Conference on Telemedicine and eHealth. Suomen Telelääketieteen ja e-Health seura (STeHS).

Muut julkaisut

Fränti P, Kuittinen J, Tabarcea A & Sakala L. 2010. MOPSI Location-Based Search Engine: Concept, Architecture and Prototype. Teoksessa: Bednarik R (toim.), Tietojenkäsittelytieteen päivät 2010, The Computer Science Days 2010. University of Eastern Finland. Publications of the University of Eastern Finland. Reports and Studies in Forestry and Natural Sciences 2. ss. 9.

Huttunen R, Hyppönen K, Lehmuskoski A, Hotti V, Nevalainen J, Tossavainen P, Ailio E & Miettinen A. 2010. Sosiaalihuollon asiakastietojen ja -asiakirjojen tietomallinnus. Prosessi, suunnitteluperiaatteet ja työkalut

Itälä T, Jalonen K, Kouri P, Lahtiranta J, Meristö T, Mikola T, Mykkänen J, Nurminen M, Palmén M, Reijonen P, Tarkkanen K, Tuohimaa H & Tuomainen M. 2010. Pärjäin. OmaHyvinvointi-hankkeen loppuraportti

Kurki TA & Sihvonen HM. 2010. Roolienhallinta onnettomuusorganisaatioiden operatiivisessa työssä. Pelastusopisto 672010.

Leskinen S, Ensio A & Mykkänen J. 2010. OmaHyvinvointi-hanke. Laki- ja sopimusnäkökulmia Pärjäin-toteutuksiin

Pietinen S. 2010. Eye-tracking Setups for Diverse Collaborative Environments. Teoksessa: Bednarik R (Ed.) (toim.), Tietojenkäsittelytieteen päivät 2010, The Computer Science Days 2010. Publications of the University of Eastern Finland. Reports and Studies in Forestry and Natural Sciences 2. ss. 16-18.

Simola, H., Fält, P., Hiltunen, J. & Parkkinen, J. 2010. Spectral imaging of sedimentary pigments in varved sediments - method and applications. Teoksessa: (toim.), PAGES Varves Working Group symposium, Palmse, Estonia, 7.-9. April 2010. ss. 2.

Tuomainen M & Mykkänen J. 2010. OmaHyvinvointi-hanke. Vaihtoehtoja Import-palvelun rajapinnan toteuttamiseen

Tuomainen M, Mykkänen J, Luukkonen I, Itälä T, Kotinurmi P, Han Y, Sommer N, Nykänen P & Toivanen M. 2010. OmaHyvinvointi-hanke. PHR-katsaus

Tuomainen M, Toivanen M, Mykkänen J, Palmén M, Luukkonen I, Itälä T, Tarkkanen K, Reijonen P & Kouri P. 2010. OmaHyvinvointi-hanke. Pärjäimen suunnitteluperiaatteet - käyttökonteksti, tiedot ja arkkitehtuuri

Asiantuntijatehtävät

Yhteenveto (2010)

Kansainväliset tieteelliset referee-julkaisut	96
Kotimaiset tieteelliset referee-julkaisut	6
Toimitetut julkaisut	1
Muut julkaisut	10
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