

Teemu Juhani Surakka (born Hokkanen)

Born in Helsinki, Finland, on February 8, 1971

PUBLICATIONS

A Papers in academic refereed journals and in international conferences

- A1 Surakka, Teemu; Repokari, Lauri. 2003. Who is the customer in product development projects. In: Proceedings of the 8th International Conference on Human Aspects of Advanced Manufacturing: Agility & Hybrid Automation (Haamaha 2003), Rome, Italy, May 26-30, 2003. Rome 2003, National Research Council of Italy, Institute of Cognitive Sciences and Technologies, pp. 305-311.
- A2 Surakka, Teemu; Tuomi, Jukka; Repokari, Lauri. 2003. Metrics for prototyping and manufacturing applications in product development. In: Proceedings of the 8th International Conference on Human Aspects Advanced Manufacturing: Agility & Hybrid Automation (Haamaha 2003), Rome, Italy, May 26-30, 2003. Rome 2003, National Research Council of Italy, Institute of Cognitive Sciences and Technologies, pp. 273-285.
- A3 Surakka, Teemu. 2004. The impact of expert knowledge on product development process. In: Proceedings of the R&D Management Conference 2004, Sesimbra, Portugal, 7-9 July 2004. Manchester 2004, RADMA, pp. 830-836.
- A4 Surakka, Teemu; Pätt, Katarina. 2004. Using digital video media in user interface evaluation. In: Proceedings of the 9th International Conference on Human Aspects of Advanced Manufacturing: Agility & Hybrid Automation (HAAMAHA 2004), Galway, Ireland, 24-27 August 2004. Galway 2004, The Department of Industrial Engineering, National University of Ireland Galway, Vol. 2, pp. 631-642.
- A5 Surakka, Teemu. 2006. Integrating outside specialists into product development project. In: Proceedings of the eBRF 2005 - Frontiers of e-Business Research 2005 (FeBR), Tampere 26-28 September 2005. Tampere 2006, Tampere University of Technology (TUT) and University of Tampere (UTA), pp. 647-660.
- A6 Surakka, Teemu. 2006. Networks between Finnish construction and service companies in the lifecycle of buildings. In: Proceedings of the European Productivity Conference 2006 (EPC 2006), Espoo, 30th August -1st September 2006. Helsinki 2006, pp. 52-59.
[http://www.eanpc.org/EPC_agenda.php]
- A7 Surakka, Teemu. 2006. Knowledge as a business opportunity - knowledge transfer practices in Finnish AEC industry networks. In: Proceedings of the ICEB + eBRF 2006 - Frontiers of e-Business Research 2006 (FeBR), Tampere, Finland, 28.-11-2.12.2006. Tampere 2006, Tampere University of Technology (TUT) and University of Tampere (UTA), [http://www.ebrc.fi/pages_3B3BEC81-A1D9-498E-858A-F27AB3A4EF1E.asp]
- A8 Malinen, Pekka; Surakka, Teemu. 2007. Developing a Regional Cluster for Fuel Cell Applications. In: Proceedings of the 4th International Conference on New Exploratory Technologies (NEXT 2007), Seoul, Korea, 25-27 October 2007. Seoul 2007, pp. 296-299.
- A9 Haahtela, Tero; Surakka, Teemu; Malinen, Pekka. 2008. Valuation and cost estimation of systemic and complex solutions with emerging technologies - case fuel cell. In: Proceedings of the 5th Annual International New Exploratory Technologies Conference (Next 2008), Turku, Finland, August 20-22, 2008. Turku 2008, Turku Centre for Computer Science, pp. 275-285.
- A10 Surakka, Teemu; Malinen, Pekka; Haahtela, Tero. 2009. Institutional effects shaping the fuel cell cluster development in Finland. In: Proceedings of the International conference and exhibition Hydrogen + Fuel Cells 2009 (HFC 2009), May 31 - June 3, 2009, Vancouver, Canada. CD proceedings.

- A11 Surakka, Teemu. 2009. Knowledge Intensive Value Creation in Virtual Worlds. In: Proceedings of the 15th International Conference on Concurrent Enterprising (ICE 2009), 22-24 June, 2009, Leiden, Netherlands. Centre for Concurrent Enterprising, Nottingham University Business School, University of Nottingham, UK. Available at: http://www.ice-proceedings.org/Projects/408/ICE%202009/Advances%20in%20Concurrent%20Engineering/46_Teemu_Surakka_ICE-Conference_TS.pdf
- A12 Surakka, Teemu. 2009. Using Social Network Analysis to Study Value Configurations in Virtual Worlds. IV Congress for Cybersociety 2009: Analog Crisis, Digital Future. 12.-29.11.2009, Online Conference. El Observatorio para la CiberSociedad, Spain. Available at: <http://www.cibersociedad.net/congres2009/en/coms/using-social-network-analysis-to-study-value-configurations-in-virtual-worlds/293/>
- A13 Surakka, Teemu. 2010. Using Virtual Worlds to Study Knowledge Intensive Value Creation. International Conference on Organizational Learning, Knowledge and Capabilities. 3.-6.6.2010, Boston, USA. Northeastern University College of Business Administration, Boston, MA, USA.

B Books, other academic papers and research reports

- B1 Hokkanen, Teemu. 2001. Development of CAD/CAM processes for polyurethane cushion components. In Finnish, the original title is: Polyuretaanisten pehmustekomponenttien CAD/CAM -prosessien kehittäminen. Master's thesis. Espoo. Helsinki University of Technology, Department of Mechanical Engineering. 100 pages.
- B2 Tuomi, Jukka; Korhonen, Marko; Surakka, Teemu. Suurten huonekalukomponenttien materiaalien ja 3D-CAD/CAM prosessien kehittäminen. Espoo 2003, Teknillinen korkeakoulu; TAI tutkimuslaitos. 45 s.
- B3 Tuomi, Jukka; Björkstrand, Roy; Surakka, Teemu; Suutala, Kirsi; Patosalmi, Juha; Korhonen, Marko. Tuotemallitiedon käyttö palveluprosessissa. Espoo 2003, TAI Tutkimuslaitos; TEKES. 83 s.
- B4 Surakka, Teemu. 2005. Systeemiälykäs rooli. In: Hämäläinen, Raimo & Saarinen, Esa (ed.). Systeemiäly2005. Systems Analysis Laboratory Research Reports B25. Espoo, HUT Systems Analysis Laboratory. pp 79-90.

Examples of professional seminar presentations and invited lectures

- Surakka, Teemu & Korhonen, Marko. 2001-2003. "Reverse engineering" lecture. Part of the course: "Virtual prototypes and dynamic simulation". 40 s.
- Surakka, Teemu. 2007. "Value network analysis" & "Possible roads to portable fuel cell markets" presentations (in Finnish) in Portable Fuel Cell Applications in Salo Region –workshop.
- Surakka, Teemu. 2009. "Second Life as a platform for collaboration and teaching". Presentation held in ECT Forum 09, 23.9.2009 in Helsinki Fair Centre. Available at <http://www.slideshare.net/tjhokkan/second-life-as-a-platform-for-collaboration-and-teaching>
- Surakka, Teemu. 2009. "Using Virtual Worlds as an Antquarium to Study Knowledge Intensive Value Creation". Poster presented at ZEW-KMRC-Workshop 6.-7.11.2009. Centre for European Economic Research (ZEW) & Knowledge Media Research Center (KMRC), Mannheim, Germany.
- Surakka, Teemu. 2011. "Benchmark of Virtual Worlds for Professional Collaboration". Presentation held in All Things Virtual –seminar, 10.6.2011 in Aalto University. Available at <http://www.slideshare.net/tjhokkan/benchmark-report-on-professional-3d-virtual-environments-published>