

Niels Christian Juul

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Publications

Authoring articles on Internet related issues for the Danish National Encyclopedia.

- [1] Peter Mooney, Ana-Maria Olteanu-Raimond, Niels Christian Juul, Guillaume Touya, Seraphim Alvanides, and Norman Kerle. Considerations of privacy, ethics and legal issues in volunteered geographic information. In Giles Foody, Linda See, Steffen Fritz, Peter Mooney, Ana-Maria Olteanu-Raimond, Cidalia Coste Fonte, and Vyron Antoniou, editors, *Mapping and the Citizen Sensor*, pages 119–135. Ubiquity Press, 9 2017.
- [2] Troels Andreasen, Niels Christian Juul, and Mads Rosendahl. Designing software-based interactive installations. In Jesper Simonsen, editor, *Situated Design Methods*, chapter 14, pages 259–278. MIT Press, 2014.
- [3] Niels Christian Juul. Recommendations on the use of biometric technology. In Patrizio Campisi, editor, *Security and Privacy in Biometrics*, chapter 16, pages 413–431. Springer, June 2013. Revised version of [5].
- [4] Claus Vielhauer, Jana Dittmann, Andrzej Drygajlo, Niels Christian Juul, and Michael Fairhurst, editors. *Biometrics and ID Management*, volume 6583 of *Lecture Notes in Computer Science*, Brandenburg, Germany, 2011. EU COST Action 2101 BIDS, Springer. Proceedings of the Third European Workshop on Biometrics and Identity Management (BIOID 2011).
- [5] Niels Christian Juul. Recommendation on the use of biometric technology. In *Workshop on Privacy and Security for Biometrics*, Las Palmas, Grand Canarias, Spain, May 2010. EU COST Action 2101 BIDS. unpublished workshop contribution, later published in [3].
- [6] Arbejdsgruppe vedr. biometri. Biometri – brug af biometriske teknologier i det danske samfund. Teknologirådets rapporter 2010/2, Teknologirådet, Copenhagen, Denmark, March 2010.
- [7] Ben Schouten, Niels Christian Juul, Andrzej Drygajlo, and Massimo Tistarelli, editors. *Biometrics and Identity Management*, volume 5372 of *Lecture Notes in Computer Science*, Roskilde, Denmark, 2008. EU COST Action 2101 BIDS, Springer. Proceedings of the First European Workshop on Biometrics and Identity Management (BIOID 2008). Revised and extended version of [8].
- [8] Ben Schouten and Niels Christian Juul, editors. *Proceedings of the First European Workshop on Biometrics and Identity Management (BIOID 2008)*, number 121 in *Computer Science Research Reports*, Roskilde University, Denmark, April 2008.
- [9] Kim Viborg Andersen, Helle Zinner Henriksen, and Niels Christian Juul. Overvæltning af kvalitetssikring til de eksterne brugere: Elektroniske indkøb. In *Den brugerdrive forvaltning – muligheder og grænser for digitalisering*, chapter 5, pages 69–84. Jurist og Økonomforbundets Forlag, Copenhagen, March 2007. (In Danish).

- [10] Helle Zinner Henriksen, Kim Viborg Andersen, and Niels Christian Juul. E-indkøb i de danske kommuner. In *Effektivisering*, Børsens håndbogsserie, chapter 10-1, pages 1–32. Børsens Forlag, Copenhagen, April 2006. (In Danish, translated title: *E-procurement in local Danish government in Streamlining*). Republication of [11].
- [11] Helle Zinner Henriksen, Kim Viborg Andersen, and Niels Christian Juul. E-indkøb i de danske kommuner. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 5-3, pages 1–20. Børsens Forlag, Copenhagen, March 2005. (In Danish, translated title: *E-procurement in local Danish government in The Internet Handbook*). Completely revised version of [17].
- [12] Helle Zinner Henriksen, Kim Viborg Andersen, and Niels Christian Juul. E-indkøb i de danske kommuner 2004. Working Paper 2005-03, Department of Informatics, Copenhagen Business School, February 2005. ISSN: 1399-1779. (In Danish, translated title: *E-procurement in local Danish government*).
- [13] Morten Hetzum, Niels Christian Juul, Niels Jørgensen, and Mie Nørgaard. Usable security and e-banking: Ease of use vis-a-vis security. In *OZCHI 2004 Conference Proceedings*. *OZCHI: the annual conference for the Computer-Human Interaction Special Interest Group (CHISIG) of the Human Factors and Ergonomics Society of Australia*, University of Wollongong, New South Wales, Australia, November 2004.
- [14] Kim Viborg Andersen and Niels Christian Juul. Digital wheel barrows in local government. In Yao-Hua Tan and Douglas R. Vogel, editors, *Proceedings of the 17th Bled eCommerce Conference - eGlobal*, volume Research Volume, Bled, Slovenia, June 2004. Published on CD-ROM: Content/47Andersen.pdf.
- [15] Kim Viborg Andersen and Niels Christian Juul. Still just shifting bytes through the government wires? In Steve Elliot, Kim Viborg Andersen, Eileen Trauth, and Siegfried Reich, editors, *Multi-disciplinary Solutions to Industry & Government's E-business Challenges*. *Proceedings of the IFIP WG 8.4 Working Conference on E-business*, Salzburg Reserch, Salzburg, Austria, June 2004. Universitatsverlag Rudolf Trauner. Published in Schriftenreihe Informatik, vol. 11.
- [16] Niels Christian Juul, Kim Viborg Andersen, and Sara Korzen-Bohr. Challenging the paradigms on up-stream B2B E-Commerce? In Jr. Ralph H. Sprague, editor, *Proceedings of the 37th Hawai'i International Conference On System Sciences (HICCS)*, Hilton Waikoloa Village, Island of Hawaii (Big Island), January 2004. IEEE. Revised version of [24] presented at the Mini-track on Business-to-Business Electronic Commerce at the Hawaii International Conference on System Sciences (HICSS). Published on CD-ROM.
- [17] Kim Viborg Andersen, Niels Christian Juul, and Sara Korzen-Bohr. E-indkøb i kommunerne. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 4-8, pages 1–24. Børsens Forlag, Copenhagen, July 2003. (In Danish, translated title: *E-procurement in local Danish government in The Internet Handbook*).
- [18] Kim Viborg Andersen, Niels Christian Juul, Sara Korzen-Bohr, and Jimmy Kevin Pedersen. Fractional institutional endeadvors and E-Procurement in local government. In *Proceedings of the 16th Bled eCommerce Conference - eTransformation*, volume Research Volume, pages 961–973, Bled, Slovenia, June 2003. Published on CD-ROM: ResearchVolume/68Ander.pdf.
- [19] Kim Viborg Andersen and Niels Christian Juul. EDI: Third-party vendor traffic still rising. In Antonio Palma dos Reis and Pedro Isaias, editors, *Proceedings of the IADIS*

International Conference: e-Society 2003, volume 2, page 1023, Lisboa, Portugal, June 2003. Also published on CD-ROM.

- [20] Kim Viborg Andersen and Niels Christian Juul. User democracy and digital channels. In Antonio Palma dos Reis and Pedro Isaias, editors, *Proceedings of the IADIS International Conference: e-Society 2003*, volume 1, pages 544–550, Lisboa, Portugal, June 2003. Also published on CD-ROM.
- [21] Kim Viborg Andersen, Niels Christian Juul, Sara Korzen-Bohr, and Jimmy Kevin Pedersen. Fractional institutional endeavours and E-Procurement in local government. Working Paper 2003-03, Department of Informatics, Copenhagen Business School, March 2003. ISSN: 1399-1779.
- [22] Niels Christian Juul and Niels Jørgensen. The security hole in WAP - an analysis of the network and business rationales underlying a failure. *International Journal of Electronic Commerce*, 7(4):73–92, Summer 2003. Revised version of [30].
- [23] Niels Christian Juul, Kim Viborg Andersen, and Sara Korzen-Bohr. Fortsat fremgang i den elektroniske udveksling af data mellem virksomheder. *På Stregen*, (1):8–10, February 2003. (In Danish, translated title: *B2B EDI Continues to Growth*).
- [24] Kim Viborg Andersen, Niels Christian Juul, Sara Korzen-Bohr, and Helle Zinner Henriksen. The end of power and persuasion? Up-stream adoption of B2B e-commerce in the Danish grocery value chain. Working Paper 2002-26, Department of Informatics, Copenhagen Business School, December 2002. ISSN: 1399-1779.
- [25] Niels Christian Juul, Niels Jørgensen, and Kim Viborg Andersen. Sikkerhed på det mobile net. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 7-5, pages 1–13. Børsens Forlag, Copenhagen, November 2002. (In Danish, translated title: *Security in Mobile Networks in The Internet Handbook*).
- [26] Kim Viborg Andersen and Niels Christian Juul. E-handelsstrategier i den offentlige sektor. In Kim Viborg Andersen, editor, *Digital genopbygning af den offentlige sektor - borgerne og brugerne i centrum*, chapter 7, pages 115–128. Danmarks Forvaltningshøjskoles Forlag, Copenhagen, September 2002. (In Danish, translated title: *E-commerce strategies in the public sector in Digital Revalitalization of the public sector - putting citizens first*).
- [27] Kim Viborg Andersen and Niels Christian Juul. Digital data-integration og analysekernelementerne i ppr. In Kim Viborg Andersen, editor, *Digital genopbygning af den offentlige sektor - borgerne og brugerne i centrum*, chapter 8, pages 129–141. Danmarks Forvaltningshøjskoles Forlag, Copenhagen, September 2002. (In Danish, translated title: *Digital Data Integration and Elements of Analysis in PPR in Digital Revalitalization of the public sector - putting citizens first*).
- [28] Kim Viborg Andersen and Niels Christian Juul. Genindtastning af data, databaser og dataanalyse. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 10-2, pages 1–10. Børsens Forlag, Copenhagen, May 2002. (In Danish, translated title: *Data re-entry, data bases and data analysis in local Danish government in The Internet Handbook*).
- [29] Kim Viborg Andersen and Niels Christian Juul. E-handel i kommunerne. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 4-8, pages 1–10.

- Børsens Forlag, Copenhagen, May 2002. (In Danish, translated title: *E-procurement in local Danish government* in *The Internet Handbook*).
- [30] Niels Christian Juul and Niels Jørgensen. Security issues in mobile commerce using WAP. In *Proceedings of the 15th Bled Conference in Electronic Commerce - e-Reality: Constructing the e-Economy*, volume Research Volume, pages 444–462, Bled, Slovenia, June 2002. Revised version of [37].
- [31] Kim Viborg Andersen, Michael H. Larsen, A.M. Fogelgren-Pedersen, and Niels Christian Juul. E-procurement process optimization (EPPO) in government. In *Proceedings of The 8th Panhellenic Conference on Informatics (PCI)*, pages 447–454, Nicosia, Cyprus, November 2001. (Workshop on e-Government).
- [32] Kim Viborg Andersen, Niels Christian Juul, and Michael H. Larsen. Counting digital procurement impacts on governmental operations using the CIVO-VIDS methodology. In *Proceedings of The European Conference on e-Government (ECEG 2001)*, pages 5–14, Trinity College, Dublin, Ireland, September 2001.
- [33] Niels Christian Juul and Kim Viborg Andersen. Digitale værktøjer i danske virksomheder anno 2001. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 4-1, pages 1–20. Børsens Forlag, Copenhagen, September 2001. (In Danish, translated title: *Digital Tools in Danish Companies, Year 2001* in the *The Internet Handbook*). Revised version of [35].
- [34] Niels Christian Juul and Kim Viborg Andersen. Digitale værktøjer i danske virksomheder anno 2001. *Medlemsinformation*, -(4):16–23, August 2001. (In Danish, translated title: *Digital Tools in Danish Companies, Year 2001*). Revised version of [35].
- [35] Niels Christian Juul and Kim Viborg Andersen. Digitale værktøjer i danske virksomheder anno 2001. Internet URL: <http://www.cbs.dk/ncjuul/edi/uceb-resultater.shtml>, August 2001. (In Danish, translated title: *Digital Tools in Danish Companies, Year 2001*) Version 1.13.
- [36] Niels Christian Juul and Kim Viborg Andersen. EDI - Digitaliseringen mellem virksomhederne. *På Stregen*, (3):9–10, August 2001. (In Danish, translated title: *EDI - The Digitalization between Companies*).
- [37] Niels Christian Juul and Niels Jørgensen. WAP may stumble over the gateway (security in WAP-based mobile commerce). In Veljko Milutinovic, editor, *Proceedings of the SSGRR 2001, International Conference on Advances in Infrastructure for Electronic Business, Science, and Education on the Internet*, page 8, L’Aquila, Italy, August 2001. Scuola Superiore G. Reiss Romoli (SSGRR). CD-ROM.
- [38] Kim Viborg Andersen, Niels Christian Juul, Michael Holm Larsen, and Ann Olsson. Electronic grocery shopping in the public sector: A framework for evaluation of B2B web sites. In Virpi Kristiina Tuunainen, editor, *Proceedings of the Third Electronic Grocery Shopping (ECG) Workshop, Brisbane, Australia, December 2000, Published as Working paper W-279*, pages 17–36, Helsinki, Finland, March 2001. Helsinki School of Economics and Business Administration, Information Systems Science.
- [39] Kim Viborg Andersen, Niels Christian Juul, and Helle Zinner Henriksen. Tal og statistikker. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 12, pages 1–16. Børsens Forlag, Copenhagen, March 2001. (In Danish, translated title: *Figures and Statistics* in the *The Internet Handbook*) Revised version of [47].

- [40] Arjen Wassenaar, Sascha Schmitt, and Niels Christian Juul. 13th Bled Electronic Commerce Conference. *Künstliche Intelligenz*, 15(1):41–42, February 2001. ISBN 0933-1875.
- [41] Niels Christian Juul and Claudia Loebbecke. Commercial E-Commerce Servers and Enterprise Application Integration: A Case-Based Comparison of Net.Commerce and Site Server Commerce. In Jr. Ralph H. Sprague, editor, *Proceedings of the 34th Hawaii'i International Conference On System Sciences (HICCS)*, Maui, Hawaii, USA, January 2001. IEEE.
- [42] Kim Viborg Andersen, Niels Bjørn Andersen, Niels Christian Juul, Helle Zinner Henriksen, and Deborah Bunker. *Business-to-Business E-commerce: Enterprises Facing A Tubulent World?* DJØF Publishing, Copenhagen, Denmark, November 2000. ISBN 87-574-0258-2.
- [43] Kim Viborg Andersen, Niels Bjørn Andersen, Niels Christian Juul, and Deborah Bunker. Electronic Commerce and Document Interchange: EDI Applications in Denmark. Working Paper 00/9, Department of Informatics, Copenhagen Business School, August 2000. ISSN: 1399-1779. A corrected version of the paper [44] presented at the 16th IFIP World Computer Congress, Conference on Information Technology for Business Management.
- [44] Kim Viborg Andersen, Niels Bjørn Andersen, Niels Christian Juul, and Deborah Bunker. Electronic Commerce and Document Interchange: EDI Applications in Denmark. In Renchu Gan, editor, *The 16th World Computer Congress 2000, Information Technology for Business Management, Proceedings*, pages 607–614, Beijing, China, August 2000. International Federation for Information Processing (IFIP) & Publishing House of Electronics Industry.
- [45] Niels Christian Juul. The Graduate Students Bazaar: Electronic Commerce Prototypes and Business Ideas. In *Proceedings of the 13th Bled Conference in Electronic Commerce*, volume 2, pages 117–137, Bled, Slovenia, June 2000.
- [46] Kim Viborg Andersen, Niels Christian Juul, and Hanne Westh Nicolajsen. Digitalisering af den offentlige sektor: Spredt fægtning og interne styringsbehov. *Økonomistyring og Informatik*, 15(5):365–383, April 2000. (In Danish, translated title: *The Digitalization of the Public Sector*).
- [47] Kim Viborg Andersen, Niels Christian Juul, and Helle Zinner Henriksen. Tal og statistikker. In Kim Viborg Andersen, editor, *Internethåndbogen*, Børsens håndbogsserie, chapter 12, pages 1–15. Børsens Forlag, Copenhagen, March 2000. (In Danish, translated title: *Figures and Statistics in the The Internet Handbook*).
- [48] Niels Christian Juul and Claudia Loebbecke. E-Commerce Servers and Back-End Integration: A Case-Based Comparison of Commercial Wholesaling and Retailing Software. Working Paper 99/13, Department of Informatics, Copenhagen Business School, December 1999. ISSN: 1399-1779.
- [49] Kim Gerner, Kim Viborg Andersen, Niels Christian Juul, and Helle Zinner Henriksen. Internettets forretningsmæssige muligheder. *Revision og regnskabsvæsen*, 68(1):8–13, 1999. ISSN 0034-6918 (In Danish, translated title: *Internet Business Opportunities*).
- [50] Kim Viborg Andersen, Niels Bjørn-Andersen, and Niels Christian Juul. Electronic Commerce: A Battle on Regulation, Standards, Transportation Media, and Business Integration. *Australian Journal of Information Systems*, Special Issue:130–144, 1998.

- [51] Birger Andersen, Niels Christian Juul, and Carlos Baquero. III Workshop on Mobility and Replication. In Serge Demeyer and Jan Bosch, editors, *Object-Oriented Technology. ECOOP'98 Workshop Reader*, volume 1543 of *Lecture Notes in Computer Science*, Brussels, Belgium, July 1998.
- [52] Niels Christian Juul, Kim Viborg Andersen, and Niels Bjørn Andersen. Electronic Commerce in Denmark: The Spread of EDI in Business-to-Business Transactions. In *Proceedings of the third USENIX Workshop in Electronic Commerce*, Boston, USA, September 1998. USENIX.
- [53] Kim Viborg Andersen, Niels Bjørn Andersen, and Niels Christian Juul. *Elektronisk handel og dokumentudveksling: EDI-anvendelsen i den offentlige og private sektor*. Samfundslitteratur, Copenhagen, Denmark, July 1998. (In Danish).
- [54] Niels Christian Juul and Brett D. Fleisch. A/M: A Framework for Consistency and Recoverability in Distributed Shared Memory. Unpublished article, July 1996.
- [55] Niels Christian Juul and Brett D. Fleisch. Design of fault-tolerant distributed shared memory systems using the A/M framework. Unpublished article, July 1996.
- [56] Niels Christian Juul and Brett D. Fleisch. A memory approach to consistent, reliable distributed shared memory. In *Proceedings of the Fifth Workshop on Hot Topics in Operating Systems (HotOS-V)*, pages 108–112, Orcas Island, WA, USA, May 1995. IEEE Press.
- [57] Niels Christian Juul. Hændelsesstyret programmering i visual basic 3.0 professional. DASY, Handelshøjskolen i København, October 1994. In Danish. DØK Datalogi, version 1.7 (63 pages).
- [58] Brett D. Fleisch, Randall L. Hyde, and Niels Christian Juul. MIRAGE+: A kernel implementation of distributed shared memory on a network of personal computers. *Software—Practice & Experience*, 24(10):887–909, October 1994.
- [59] Brett D. Fleisch, Randall L. Hyde, and Niels Christian Juul. MIRAGE+: A kernel implementation of distributed shared memory on a network of personal computers. Technical Report UCR-CS-94-2, Department of Computer Science, University of California, Riverside, USA, April 1994. Now published as [58], also available as [60].
- [60] Brett D. Fleisch, Randall L. Hyde, and Niels Christian Juul. MIRAGE+: A kernel implementation of distributed shared memory on a network of personal computers. DIKU-Rapport 94/13, DIKU, Department of Computer Science, University of Copenhagen, Copenhagen, Denmark, April 1994. Now published as [58], also available as [59].
- [61] Brett D. Fleisch, Randall L. Hyde, and Niels Christian Juul. Moving distributed shared memory to the Personal Computer: The Mirage+ experience. Technical Report UCR-CS-93-6, Department of Computer Science, University of California, Riverside, USA, June 1993.
- [62] Niels Christian Juul. Review of: "Robust, distributed references and acyclic garbage collection" by Shapiro, Dickman, and Plainfossé. *ACM Computing Reviews*, 34(8):430, August 1993.

- [63] Niels Christian Juul. *Comprehensive, Concurrent, and Robust Garbage Collection in the Distributed, Object-Based System, Emerald*. PhD thesis, DIKU, Department of Computer Science, University of Copenhagen, Denmark, February 1993. Available as Technical Report DIKU 93/1.
- [64] Niels Christian Juul and Eric Jul. Comprehensive and Robust Garbage Collection in a Distributed System. In Yves Bekkers and Jacques Cohen, editors, Memory Management, International Workshop IWMM 92, Proceedings published in: *Lecture Notes in Computer Science* 637, volume 637, pages 103–115, St. Malo, France, September 1992. INRIA, IRISA, and ACM Sigplan, Springer Verlag.
- [65] Niels Christian Juul. Mobility of Ph.D. Candidates. In *Proceedings of the EURODOCT'91 Meeting*. EURODOCT, INSTN/CES, France, April 1991. A comprehensive edition of the proceedings published in October 1991.
- [66] Niels Christian Juul. Workshop: Garbage Collection in Object-Oriented Systems. In Jerry L. Archibald and K. C. Burgess Yakemovic, editors, OOPSLA/ECOOP'90, Conference on Object-Oriented Programming: Systems, Languages, and Applications. European Conference on Object-Oriented Programming, Addendum to the Proceedings, published as *SIGPLAN Notices* Special Issue, volume Special Issue, August 1991, pages 35–41, Ottawa, Canada, August 1991. ACM SIGPLAN, ACM Press.
- [67] Niels Christian Juul. A Distributed, Faulting Garbage Collector for Emerald, October 1990. Position Paper presented at the ECOOP/OOPSLA'90 Workshop on Garbage Collection in Object-Oriented Systems.
- [68] Niels Christian Juul. Introduktion til objekt-orienteret programmering. In *NordDATA'89 Konferencedokumentation*, volume 2, pages 520–525. NordDATA'89, June 1989. In Danish.
- [69] Niels Christian Juul. Timing the Emerald implementation on VAXstation 2000. DIKU-Report (blue series) 89/2, DIKU, Department of Computer Science, University of Copenhagen, Denmark, February 1989.
- [70] Niels Christian Juul. Multiprogrammeringskerner – før og nu! Master's thesis, DIKU, Department of Computer Science, University of Copenhagen, Denmark, July 1988. (In Danish: Speciale 87-10-10).
- [71] Niels Christian Juul. Writing shortest path algorithms in Joyce. DIKU Project nr. 87-11-9, DIKU, Department of Computer Science, University of Copenhagen, November 1987.
- [72] Niels Christian Juul. *RC3502 – TOP80 – Test Operating System, User's Guide*. Regnecentralen af 1979, RC Computers A/S, Copenhagen, Denmark, April 1981. RCSL No: 30-M280.

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