

1. Olsen, K. A, Malizia, A. (2011) IT services in a new world, under arbeid.
2. Malizia, A, Olsen, K. A, (2011) Is Everything Invented? On Software Development and the Future of Apps, *IEEE Computer*, kommer i September 2011.
3. Olsen, K.A. (2011) Er det datamaskinen sin skyld at resultatene blir gale? En case fra Kunnskapsdepartementet, innsendt til Norsk Informatikk Konferanse.
4. Olsen, K.A. (2011) In-house programming, an option for small and medium sized niche companies, innsendt til Norsk Informatikkonferanse.
5. Olsen, K.A. (2011) A smart proofreader for all natural languages, achieving semantic understanding by majority vote, innsendt til *Advances in Artificial Intelligence*.
6. Olsen, K. A, Malizia, A. (2011) Can we develop more convenient user interfaces for smartphones, innsendt til *IEEE Computer*.
7. Malizia, A, Olsen, K. A, (2011) Emerging social search paradigms – can we learn from ants?, innsendt til *IEEE Computer*.
8. Olsen, K.A. (2011) Programmed politeness, *IEEE Computer*, July, 2011..
9. Olsen, K. A, Malizia, A. (2011) Interfaces for the ordinary user – can we hide too much?, akseptert av *Communications of the ACM*.
10. Morris, C., Olsen, K.A. (2011) Democracy and Technology, *IEEE Computer*, april.
11. Olsen, K.A., Indredavik, B. (2011) A Proofreading Tool using Brute Force Techniques, *IEEE Potentials*, vol 30, issue 4, 2011.
12. Olsen, K.A., Fagerlie, E. (2011). Adaptive systems – a case for calculating Estimated Time of Arrival, *IEEE Potentials*, vol 30, no. 2.
13. Olsen, K.A., Indredavik, B. (2010) A semantic parser and proofreading tool for all languages based on a text repository, Norsk Informatikk Konferanse, Gjøvik, 22-24.11, Tapir forlag.
14. Olsen, K.A (2010). Two cases of bad Web usability: banking and employee self service, UniTech 2010, Oslo, Tapir forlag. (19.05)
15. Olsen, K.A (2010). Computing a better world, *IEEE Computer*, April.
16. Olsen, K.A., Malizia, A. (2010). Following Virtual Trails, *IEEE Potentials*. Volume 29, Issue 1.
17. Olsen, K.A. (2009). Informatikkfaget – vekst og fall, i proceedings fra Norsk Informatikk-konferanse, Tapir forlag, ISBN-nummer: 978-82-519-2491-7
18. Olsen, K.A. (2009). In house programming is not passé – automating originality, *IEEE Computer*, april.
19. Williams, J.G and Olsen, K. A. (2008). Developing a Telecommunication Operation Support Systems (OSS): The impact of a Change in Network Technology, in Gutierrez, Selected Readings on Telecommunications, Information Science Reference (også i *International Journal of Business Data Communications and Networking (IJBDCN)*; Volume 4, Issue 1, Jan-March 2008).

20. Olsen, K.A. (2008). Customer Errors in Internet Banking, Proceedings Norsk Informatikk-konferanse, Tapir forlag
21. Olsen, K.A. (2008). A \$100,000 keying error, *IEEE Computer*, April, vol. 41, No. 4.
22. Olsen, K.A., Bellucci, A. (2007). Computer intelligence equals formalization, *IEEE Potentials*, **5**, 26.
23. Olsen, K.A., Sætre, P.L., Williams, J.G. (2007). Breaking the rules - proprietary software development for small and medium sized organizations; University of Pittsburgh Press, Toni Carbo and James G. Williams, Editors, Perspectives on Information, A Festschrift in Honor of Anthony Debons, School of Information Sciences, Pittsburgh, PA, USA, 2007.
24. Olsen, K.A., Sætre, P.L. (2007). IT for niche companies: is an ERP system the solution?, *Information Systems Journal*, Vol. 17 Issue 1 Page 37-58
25. Olsen, K.A., Sætre, P.L. (2007). ERP for SMEs – is proprietary software an alternative?, *Business Process Management Journal*, **3**, **13**, 379-389
26. Williams, J.G and Olsen, K. A. (2006). Developing a Telecommunication Operation Support Systems (OSS): The impact of a Change in Network Technology, *Journal of Cases on Information Technology (JCIT)*, **8**(4) (også i Gutierrez (2008)).
27. Olsen, K.A. (2006) Computer Intelligence, *IEEE Computer Journal*, September (artikkel i deres “profession” spalte)..
28. Nonås, S.L., Olsen, K.A. (2005). A MILP formulation for a common scheduling problem in a foundry: Optimal and Heuristic Solutions, *Computers & Operations Research*, Volume 32, Issue 9 , September, Pages 2351-2382.
29. Olsen, K.A., Williams, J. G. (2004). Spelling and Grammar Checking Using the Web as a Text Repository, *Journal of the American Society for Information Science and Technology (JASIST)*. vol. 55, no 11.
30. Olsen, K.A. (2004) The Economics of International Conferences, *IEEE Computer Journal*, June (artikkel i deres “profession” spalte).
31. Wu, P., Olsen, K.A., Sætre, P. (2002). Visualizing the Construction of Generic Bills of Material, in *Recent Advances in Visual Information Systems* (March 2002), S.K. Chang, et al (editors), Springer-Verlag as Lecture Notes #2314 in Computer Science, pp.302-310.
32. Morse, E., Lewis, M., and Olsen, K.A. (2002). Testing Visual Information Retrieval Methodologies Case Study: Comparative Analysis of Textual, Icon, Graphical, and 'Spring' Displays. *Journal of the American Society for Information Science and Technology (JASIST)* **53**(1):28-40
33. Morse, E.L., Lewis, M., Olsen, K.A. (2000). Evaluating visualizations: Using a taxonomic guide, *Int. J. of Human-Computer Studies* (2000) **53** (5), 637-662.
34. Olsen, K.A. & Sætre, P (1998). Describing products as programs, *International Journal of Production Economics*, vol. 56, no 1.

35. Cinque, L., Levialdi, S., Malizia, A, Olsen, K.A¹.(1998). A Browser for Image Retrieval, *Journal of Visual Languages & Computing*, 9, 1.
36. Olsen, K.A., Sochats, K.M., and Williams, J.G. (1998). Full text information retrieval and Information overload, *The International Information and Library Review*, No. 30, pp 105-122.
37. Olsen, K.A. & Sætre, P (1997). Managing Product Variability by Virtual Products, *International Journal of Production Research*, vol. 35, no. 8, 2093-2107.
38. Olsen, K.A., Sætre, P. & Thorstenson, A. (1997). A Procedure-Oriented Generic Bill of Materials, *Computers & industrial engineering*, vol 32, no. 1, 29-45.
39. Olsen, K.A. & Dubin, D. (1994). Maintaining a personal reference library with the use of a word processing system and a scanner, *Text Technology*, Vol. 4, No.2.
40. Olsen, K.A., Korfhage, R.R., Sochats, K.M., Spring, M.B. and Williams, J.G. (1993). Visualization of a Document Collection with Hypertext Links: the VIBE System, *Scandinavian Journal of Information Systems*, Vol. 3 (August).
41. Olsen, K.A., Korfhage, R.R., Sochats, K.M., Spring, M.B. and Williams, J.G. (1993). *Visualization of a Document Collection: the VIBE System*, *Information Processing & Management*, Vol. 29, No. 1 (69-82).
42. Olsen, K.A., Hirtle, S.C., Sochats, K.M. and Williams, J.G. (1992). Ideation through Visualization: The VIBE System, *Multimedia Review*, Vol.3, No. 3
43. Olsen, K.A., Harnes, P., Pedersen, B., Tøsse, O-J (1990). A Visual System to Support Teaching of Programming, i *Visual Languages and Visual Programming*, ed. Shi-Kuo Chang, Plenum Publishing Company.
44. Krogdahl, S., Olsen, K.A. (1986). Ada, as seen from Simula, *Software Practice and Experience*, Vol. 16, No. 8.
45. Jervell, H.R., Olsen, K.A. (1985). Icons in man-machine communication, *Behaviour and Information Technology*, Vol. 4, No. 3.
46. Eliassen, F., Ellingsen, K., Olsen, K.A. (1984). A multilayered operating system for Microcomputers, *Microprocessing and Microprogramming*, Vol. 14, No. 2.
47. Jervell, H.R., Olsen, K.A. (1983). Computers and Society, *Computers and Society*, Vol. 13, No. 4.
48. Eliassen, F., Ellingsen, K., Olsen, K.A. (1983). An archive system for primary health care based on simple micros, *Medical Informatics*, Vol. 8, No. 4, pp 279-287

¹ Normalt er hovedforfatter satt opp først. Denne publikasjonen er unntaket, her er undertegnede hovedforfatter.

Books:

1. Olsen, K.A., Malizia, A. (2011). *Understanding IT, Information Technology in Business and Leisure*, Scarecrow Press, ca. 400 sider – under arbeid.
2. Olsen, K.A. (2005). *Formalizing Internet, Web and eBusiness Applications for the Real World*, Scarecrow Press, ca. 400 sider.
3. Ohren, O., Olsen, K.A. (1985). *Databehandling*, Universitetsforlaget.
4. Olsen, K.A. (1983). *Programmeringsspråket Ada*, Universitetsforlaget.
5. Jervell, H.R., Olsen, K.A. (1982). *Hva datamaskiner ikke kan*, Universitetsforlaget (2. utgave 1985), dansk utgave Rosenkilde og Bagger, 1983.