

Publications – Bahtijar Vogel, PhD**Faculty of Technology and Society, Malmö University, Sweden**

1. Zbick, J., **Vogel, B.**, Spikol D., Jansen, M., Milrad, M. (forthcoming) Towards an adaptive and adaptable architecture to support ubiquitous learning activities. In *Peña-Ayala, Alejandro (Ed), Mobile, Ubiquitous, and Pervasive Learning*, Springer Book on Advances in Intelligent Systems and Computing Book Series, 2016 Berlin, Germany.
2. **Vogel, B.**, Kilamo, T., & Kurti, A. (2015). Teaching Distributed Agile Development to Software Professionals: A Flexible Approach. In *Proceedings of the 2015 European Conference on Software Architecture Workshops (ECSA 2015)*, ACM, Sep 7 – 11, Dubrovnik/Cavtat, Croatia.
3. Weyns, D., Caporuscio, M., **Vogel, B.**, Kurti, A. (2015). Design for Sustainability = Runtime Adaptation U Evolution. In *Proceedings of the 2015 European Conference on Software Architecture Workshops (ECSA 2015)*, ACM, Sep 7 – 11, Dubrovnik/Cavtat, Croatia.
4. **Vogel, B.** (2014). An Open Architecture Approach for the Design and Development of Web and Mobile Software. *PhD Thesis in Computer Science, Linnaeus University Dissertations No 196/2014*, ISBN: 978-91-87925-24-5, Faculty of Technology at Linnaeus University (LNU) Växjö, Sweden
5. **Vogel, B.**, Kurti, A., Mikkonen, T., Milrad, M. (2014). Towards an Open Architecture Model for Web and Mobile Software: Characteristics and Validity Properties. In *Proceedings of the 38th Annual International Computers, Software & Applications Conference (COMPSAC'2014)*, IEEE, Västerås, Sweden, July 21-25, 2014.
6. **Vogel, B.**, Kurti, A., Mikkonen, T., Milrad, M. (2014). From Architectural Requirements towards an Open Architecture for Web and Mobile Societal Applications. *1st International Workshop on Inclusive Web Programming - Programming on the Web with Open Data for Societal Applications (IWP 2014)*, at ICSE 2014 Workshops - 36th International Conference on Software Engineering (ICSE 2014), ACM, May 31 – June 7, 2014, Hyderabad, India.
7. **Vogel, B.**, Kurti, A., Milrad, M., Johansson, E., & Müller, M. (2014). Mobile Inquiry Learning in Sweden: Development Insights on Interoperability, Extensibility and Sustainability of the LETS GO Software System. *Journal of Educational Technology & Society (ET&S)*, 17 (2), 43–57.
8. Hung, P.-H., Hwang, G.-J., Lee, Y.-H., Wu, T.-H., **Vogel, B.**, Milrad, M., & Johansson, E. (2014). A Problem-based Ubiquitous Learning Approach to Improving the Questioning Abilities of Elementary School Students. *Journal of Educational Technology & Society*, 17(4), 316–334.
9. **Vogel, B.** (2013). Towards Open Architecture System. *9th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2013)*, 2013, ACM.
10. **Vogel, B.**, Kurti, A., Milrad, M., Mikkonen, T. (2012). Architectural Concepts: Evolution of a Software System Across Design and Implementation Stages in Dynamically Changing Environments. *Proceedings of the IEEE 36th Annual International Computer Software and Applications Conference Workshops (COMPSAC 2012)*, IEEE Izmir, Turkey, July 16-20, 2012.

11. **Vogel, B.** (2012). Architectural Concepts: Implications for the Design and Implementation of Web and Mobile Applications to Support Inquiry Learning. *Licentiate Thesis, School of Computer Science, Physics and Mathematics, Linnaeus University, Växjö, Sweden.*
12. **Vogel, B.,** Pettersson, O., Kurti, A. and Simonsson, H. A. (2012) Utilizing Gesture Based Interaction for Supporting Collaborative Explorations of Visualizations in TEL. *Proceedings of the 7th IEEE WMUTE International Conference on Wireless, Mobile and Ubiquitous Technologies in Education WMUTE 2012, Takamatsu, Kagawa, Japan, March 27-30, 2012.*
13. Pettersson, O. and **Vogel, B.** (2012) Reusability and Interoperability in Mobile Learning: A study of current practices. *In the Workshop of Scalability and Interoperability Dimensions for Mobile Learning applications – SID-ML 2012 in conjunction with IEEE WMUTE 2012, Takamatsu, Kagawa, Japan, March 27-30, 2012.*
14. Sollervall, H., Otero, N. Milrad, M., Johansson, D., **Vogel, B.** (2012). Outdoor Activities for the Learning of Mathematics: Designing with Mobile Technologies for Transitions Across Learning Contexts. *Proceedings of the Seventh IEEE International Conference on Wireless, Mobile, and Ubiquitous Technology in Education WMUTE 2012, Takamatsu, Japan, March 27th-30th 2012.*
15. **Vogel, B.,** Kurti, A., Milrad, M., and Kerren, A. (2011). An Interactive Web-based Visualization Tool in Action: User Testing and Usability Aspects. *In Proceedings of the 11th IEEE International Conference on Computer and Information Technology (CIT '11), to be held in Pafos, Cyprus, 31 August-02 September, 2011. IEEE Computer Society Press.*
16. **Vogel, B.** (2011). An Interactive Web-based Visualization Tool: Design and Development Cycles. *Proceedings of the IEEE 35th Annual International Computer Software and Applications Conference Workshops (COMPSAC 2011) held in Munich, Germany, July 18-21, 2011, pp. 279-285.*
17. Milrad, M., Kohen-Vacs, D., **Vogel, B.,** Ronen, M. & Kurti, A. (2011). An Integrated Approach for the Enactment of Collaborative Pedagogical Scripts Using Mobile Technologies. *Proceedings of the International Conference on Computer Support for Collaborative Learning CSCL 2011. Hong Kong, China.*
18. Pea, R., Milrad, M., Maldonado, H., **Vogel, B.,** Kurti, A., & Spikol, D. (2011). Learning and Technological Designs for Mobile Science Inquiry laboratories. *Book chapter to appear in Littleton, K., Scanlon, E., & Sharples. M., (Eds.), Orchestrating Inquiry Learning. London UK: Routledge.*
19. **Vogel, B.** (2010). Design and Development of Mobile and Web-Based Visualization Tools in TEL. *In Book of Abstracts of the First Nordic Symposium on Technology-Enhanced Learning (NORDITEL 2010), Växjö, Sweden, August 26-27th, pp, 106-108.*
20. **Vogel, B.,** Kurti, A., Spikol, D, & Milrad, M. (2010). Exploring the benefits of open standard initiatives for supporting inquiry-based science learning. *Proceedings of the Fifth European Conference on Technology Enhanced Learning, EC-TEL 2010, held in Barcelona, Spain, September 28 - October 1, 2010, Lecture Notes in Computer Science, Springer-Verlag, Berlin/Heidelberg. pp. 596-601.*
21. **Vogel, B.,** Spikol, D., Kurti, A., & Milrad, M. (2010). Integrating Mobile, Web and Sensory Technologies to Support Inquiry-Based Science Learning, *In Proceedings of the Sixth IEEE International Conference on Wireless, Mobile and Ubiquitous Technologies in Education (WMUTE 2010)", held in Kaohsiung, Taiwan, April 12-16, 2010.*

Awarded best student paper

22. **Vogel, B.**, & Gil de la Iglesia, D. (2009). Conceptual Architecture for Mobile Content Sharing Environments in Context-Aware Applications. *Sharing Experiences with Social Mobile Media Proceedings of the International Workshop in conjunction with MobileHCI 2009*, September 15th 2009, Bonn, Germany. Pp 33-38
23. **Vogel, B.**, & Kajtazi, M. (2007). Cascading Web Services in Mobile Environments: Bridging Wireless and Wired Networks for Data Transactions. *Växjö University, Faculty of Mathematics, Science and Technology, School of Mathematics and Systems Engineering*, Publication from MSI, ISSN 1650-2647
24. Kajtazi, M., & **Vogel, B.** (2007). Cascading Web Services to Bridge Wired and Wireless Networks for Data Transactions. *Proceedings of SDeR 2007*, Ronneby, Sweden, March 8-9. Pp. 74-76. ISBN: 978-91-7295-987-3