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Curriculum vitae

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Female
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23.05.1969, Helsinki
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Research Professor in Digital Transformation (and Lifelong Learning)
School of Digital Technologies, Tallinn University
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PhD, Docent of Semiotic at University of Helsinki,
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Education:

Docent of semiotics at University of Helsinki 22.01.2013–.

University of Helsinki, Faculty of Arts, Institute for Art Research, Aesthetics, Doctor Philosophy (PhD), Magna cum laude approbatur, 04.12.2007. Topic: Changes in beer labels and their meaning: a holistic approach to semiotic process.

University of Tampere, The Institute for Extension Studies TYT, Designer of Hypermedia education (41cr), 29.08.1997.

University of Helsinki, Faculty of Arts, Institute for Art Research, Aesthetics, Master of Arts (MA), Cum laude approbatur, 05.06.1996, main subject: aesthetics, secondary subjects: art history and educational sciences (39 cr).

Secondary school of Munkkiniemi, Helsinki, Finnish Matriculation Examination: Magna cum laude 31.05.1989.

Other skills – rather hobbies: Skydiving, biking, running, swimming, pilates, pole dance, wood work in the summer house

Linguistic skills

Finnish (mother tongue)

English: Reading comprehension and oral & written command of the English language Excellent (Kielitodistus, Language proof University of Helsinki (19th of August 1998)

Swedish: Reading comprehension excellent and oral command of the Swedish language Good

French: Reading comprehension and oral & written command of the French language Fair (Centre de Français Language Etrangere Universite de Poitiers (13th of May 1996)

Current positions:

Research Professor in Digital Transformation (and Lifelong Learning), School of Digital Technologies, Tallinn University

Examiner of the semiotic courses (2016 –) at University of Helsinki Faculty of Arts

Work experience

Research Fellow (Leading Researcher), Learning Environments Research Group (<https://legroup.aalto.fi/>), School of Art, Design and Architecture, Aalto University (2018 – 2019).

Researching Lecturer, Metropolia University of Applied Sciences. 1998–
Subjects: Usability, UX, Visual design, Communication, Team & project work. Curriculum design, pedagogical development, supervising engineering bachelor and master thesis. Research on the educational technology supporting project-based learning

Post.doc researcher in Aalto University, Le group Media Lab, Department of Media School of Arts, Design and Architecture, www.aalto.fi, <http://medialab.aalto.fi>, EU-project work-package coordinator, post .doc researcher, supervising master and doctoral thesis 2013-2015.

Associate Professor at Haman Bin Mohammed E-University (HBMeU), Dubai, United Arab Emirates; Lecturing course on Contemporary Issues in e-Learning 20CIL216 (2012- 2014), and supervising Master thesis, (2012-2014).

Lecturer (2005–2014), and docent of semiotics (2013–) University of Helsinki. Subjects: Semiotics and communication, Semiotic methodology, Semiotics of Cultural Artefacts, Sociosemiotics and Semiotics and Media, Sciences and Technology Studies. 2006-2008 involved in curriculum design on semiotic studies; Examiner of semiotic courses (22 of them) from 2016–2020 August.

Research funding of projects as well as leadership and supervision

EU-project NetPro (Network-based project learning tools) from 1999–2004, *activities: field-, usability- and pedagogical practices research. Did not participate in the funding preparation.*

Cooperation project organizer, critical media reading promoting website. Partners: Elisa phone company; University of Art and Design, Helsinki; Eva Saro (Swiss artist), address: <http://www.youwatchit.net> 2000, activities field research, supervising students work in the project <http://www.youwatchit.net>. *Participated in funding preparation from the role of connecting EVTEK (previous Metropolia UAS) and TAIK (previous AALTO, arts and industrial design).*

Developing Knowledge-Practices Laboratory, KP-Lab, IST project for EU's Sixth Framework Program (2006–2011), *activities: Theoretical framework adaptation to practice, User experience, user interface and interaction design research as well as design and implementation of actual work. Participated in the funding preparation by taking responsibility of the planning the design and evaluation process of the to be developed applications.* <http://www.kp-lab.org/> and <http://www.knowledgepractices.info/>. Total Budget: 14 241 444,00€.

Coop-PBLinVET, Leonardo Da Vinci 2010–2012, Promoting Project & Practice Based Learning supported by collaborative learning technologies in Initial Vocational Education of Mechanical Manufacturing, *activities: usability and pedagogical practices, and framework* <http://coop-pbl.com/?lang=en>.

Creating Knowledge through Design & Conceptual Innovation. THINKER. 2011–12. *Activities: usability and pedagogical practices, research of methodologies of design, development and implementation.* EU Erasmus Programme.

EU-project Learning Layers, 7th Framework Programme large-scale integrated project LAYERS (2013–2016) (grant no. 318209). Work package leader and responsible of the projects co-design processes, involved in theoretical development of informal learning in workplaces and adaptation of it into the design framework. Total Budget: 10 266 012,00 €, AALTO total budget: 852 667,00 €.

KNORK - Promoting Knowledge Work Practices in Education (2014 – 2016) Lifelong Learning programme. Knork is funded through the KA3 Programme of the European Commission. *My role was in experimenting tool sets that I have selected for particular courses and in describing those tools and use of them.* Total Budget: 526 948,00 €, Metropolia UAS

part: 88 209,00 €.

The People's Smart Sculpture PS2 (01.10.2014 – 30.04.2018) Creative Europe – Culture Sub-programme 2014 – 2020, Larger scale cooperation projects (COOP2), ID: EAC/S16/2013 - European cooperation. *Participated in the funding preparations on the role of design process, activities in the project were initiation and conducting the design and evaluation processes.* Total Budget: 1 994 662,27 €, Metropolia UAS part: 245 350,00 €

Principal Investigator of HUMEX, Quantifying Human Experience for Increased Intelligence Within Work Teams and in the Customer Interface; Project ID: 215033, 01/01/2018–31/12/2019; funding Business Finland. *Participated in the funding preparation with aims, design process, theory framework and impact.* AALTO total budget: 423.6384€

Principal investigator of Erasmus + Project, DesignIT, R&D project in Higher Education from 2017–2019. (KA2 - Cooperation for Innovation and the Exchange of Good Practices; KA203 - Strategic Partnerships for higher education. Project ID: ROJ. N° 2017-1-EE01-KA203-034889). *Participated in the funding preparation with aims, design process, theory framework and impact.* Total budget: 266.887,00 €

Principal investigator of Erasmus + Project, IlluminatED, Illuminating effective teaching strategies with the science of learning. R&D project in Higher Education from 01-12-2017– 31-05-2020. (KA2 - Cooperation for Innovation and the Exchange of Good Practices; KA203 - Strategic Partnerships for higher education. Project ID: ROJ. N° 2017-1-ES01-KA201-038220). *Participated in the funding preparation with aims, design process, theory framework and impact.* Total budget: 225.595,00 €

Principal investigator of Erasmus + Project, Spotlighters – Illuminating paths to resilience with the science of stress. R&D project in Higher Education from 01-09-2018 – 31-08-2021. (KA2 - Cooperation for Innovation and the Exchange of Good Practices; KA203 - Strategic Partnerships for higher education. Project ID:ROJ. N° 2018-1-ES01-KA201-050646). *Participated in the funding preparation with aims, design process, theory framework and impact.* Total budget: 411.212,00 €

Partner in SySTEM 2020: Connecting Science Learning Outside The Classroom, 01/05/2018 → 31/12/2021. (H2020-SwafS-2016-17, SwafS-11-2017 RIA, 788317), design work in AALTO, LeGroup and reporting. Total budget: 2999982,00 €.

Supervision of research work

Currently supervising Jana Pejaska's PhD as secondary supervisor in AALTO university, School of Art, Design and Architecture.

Opponent of Kairit Tammets doctoral dissertation "Learning and Knowledge Building Practices for Teachers' Professional Development in an Extended Professional Community". Defense was on the 21.08.2013, at 11:00-14:00 University of Tallinn. (<https://www.tlu.ee/en/Events/4056/public-defence-of-a-doctoral-thesis-at-tallinn-university-institute-of-educational-sciences>).

Master thesis supervision at Hamban Bin Mohammed E-University (HBMeU), Dubai, United Arab Emirates (2), Aalto University, Le group Media Lab, Department of Media School of Arts, Design and Architecture (2), Metropolia UAS (2) and one consultation for Master level thesis from request for Tartu University

Bachelor thesis supervision at Metropolia UAS (approximately 10 per academic year, in sum: 170).

Merits in teaching and pedagogical competence

Pedagogical education

At the University of Helsinki educational sciences secondary subject: excellent knowledge 19.08.1993

Experience in the actual lecturing and teaching practice

Working as a Researching Lecturer in Helsinki Metropolia University of Applied Sciences 1998–

The activities on the Metropolia University of Applied Sciences involves:

- Design and development of curriculum, and courses with the teacher team of the study line, designing teacher facilitation and team teaching, philosophical background during early career was CDIO Initiative combined with Problem based learning and project based learning from where I developed the education towards facilitation role of teacher and team teaching. (See publications).
- Developing of the pedagogical practices since I am responsible for the design and implementation of social media into enhancing collaborative practices in the media engineering study line and developing new approaching of collaborative teaching of different disciplines within one course module as well as designing new ways to integrate user centred design methods into these collaborative courses. (See publications).
- Supervising the bachelor theses belongs to the main work of lecturers (I supervise 10 bachelor thesis within one academic year), in addition, I supervise Master level when these appropriate to my subject area (2 in total).
- I have been teaching and lecturing mainly in English in the international degree, but I also teach in the Finnish study line of media engineers. The subjects cover the following: project courses; usability-, user interface and experience design courses; communication course, media design courses; visual design courses, team and project work courses; design, implementation and management of media channels and tools courses; and innovative design practices course.
- At Metropolia the evaluation is organised through the Intranet using a feedback form that students' fill after each course. In addition, I hold a face-to-face feedback session at the end of the course with the students, where we discuss the good and annoying aspects of the course. In recent years the collaborative teaching and lecturing has provided new challenges of feedback because the whole teacher teams has to get involved.
- I am also involved in EU-projects and in the design of integrated students smoothly to the projects. In addition in my responsibility is to apply for new international projects and execute research.

As part time lecturer (2005–) and Docent of semiotics (2013–) in Helsinki University. The following activities are included:

- Design and development of curriculum, and courses with the lecturer team of the semiotic studies (2006–2008).
- I have taught semiotic course in English and Finnish. The following subjects have been in my responsibility: 2005–2007 communication and semiotics; 2007– methodology of semiotics, 2008 cultural artefacts and semiotics; 2010 Semiotics and media. And semiotic methodologies from 2005-
- As an examiner of the 22 semiotic courses of Helsinki University 2016-2017
- I have consulted from request Master level thesis from, for example, Tartu University
- I hold a face-to-face feedback session in the end of the course with the students, where we discuss the good and the annoying aspects of the course and what and how the course could be developed. From these sessions I write a summary that was discussed with the other lecturers on the semiotic studies.

Distant Associate Professor in Hamdan Bin Mohammed e-University, School of e-Education, United Arab Emirates 2012-2014

Supervising two Master's Thesis Department of E-Learning (2012-2014)

Responsible of an online course on Contemporary Issues in e-Learning 20CIL216 (2012- 2014)

As a postdoctoral researcher, position in design for ICT mediated learning environments in the Aalto University and as a part of the Learning Environments research group (LeGroup) at the at the Media Lab, Department of Media 2012-2015

Providing one course per year on methodology

Supervising master and PhD students. Currently supervising Jana Pejaska's PhD as secondary supervisor in AALTO university, School of Art, Design and Architecture

Integrating master (varied amounts) and PhD (varied amounts) students into the research group's international and national research projects

Capability to produce learning material

Most of the study materials are in the Intranet of Helsinki University and Metropolia University of Applied Sciences. Some courses I have organised in Wiki, from these the old have been removed by the Wiki maintenance.

Project work courses can be found in the Knowledge Practices Environment. The environment was in the Knowledge-Practices Laboratory project (KP-Lab, IST project for EU's Sixth Framework Program (2006-2011): <http://www.knowledgepractices.info/> and <http://www.kp-lab.org/>). The actual workspaces are located at: <http://2d.mobile.evtel.fi/shared-space/>. However, the platform is not maintained anymore, thus courses have been moved and most have been changed due to the organisational and pedagogical changes in Metropolia University of Applied Sciences during the past 4 years.

Other published learning materials are:

- Bouters M. (2009). "Käyttäjakeskeinen suunnittelu ja käyttäjät kehittäjinä –orientoituneisuus" [User-centred design and users as designers approaches] (Eds. Leena Mäkelä-Martinen) *Luova työ tutkimuksen kohteena. Avauksia design-alojen tutkimusmetodologiaan*. Kymenlaakson ammattikorkeakoulun julkaisuja. Sarja A. Oppimateriaali. Nro 23. Kouvola: Kymenlaakson ammattikorkeakoulu, (pp. 79–96). [Creative work in the focus of research. Opening into research

methodology of design. Publications of the Kymenlaakso University of applied sciences. Series A of educational material] ISBN 978-952-5681-44-4

- Bouters M. (2012). Semiotics' contribution into the analysis of popular culture. *In Being Cultural* (Eds. Bruce M. Z. Cohen). Pearson: University of Auckland New Zealand (pp. 99–113).

Position of trust, editorial board & Awards, prizes and honours & Other academic merits

Member of a committee board of the Doctoral consortium. Attending meeting of ITK Doctoral consortium 20.03.2019, <https://itk-konferenssi.fi/ajankohtaista/25-itk-doctoral-consortium-call-for-papers>

Opponent of Kairit Tammets doctoral dissertation "Learning and Knowledge Building Practices for Teachers' Professional Development in an Extended Professional Community". Defense was on the 21.08.2013, at 11:00-14:00 University of Tallinn. (<https://www.tlu.ee/en/Events/4056/public-defence-of-a-doctoral-thesis-at-tallinn-university-institute-of-educational-sciences>).

Evaluation of personal research funding applications submitted to The Estonian Research Council (ETAg) via the Estonian Research Information System ETIS (www.etis.ee) at November 20th 2014.

Editorial board: Bouters, M., Ipsen, G. and Martinelli, D. (2004). (eds.), *Semiotics from S to S*. [=UMWEB Series in Semiotics 1]. Dortmund/Helsinki: UMWEB, Grunewald GmbH. ISSN 1795-1860 ISBN 952-5576-00-0.

Editorial board: Bouters M. Ipsen, G. and Martinelli, D (Eds.) *Semiotics from S to S*. [=UMWEB Series in Semiotics 1]. Dortmund/Helsinki: UMWEB, Grunewald GmbH. ISBN 952-5576-00-0.

Learning Layers project wins award for Research Excellence in Vocational Education and Training (VET). <http://results.learning-layers.eu/vet-2018/>

Member, conference board of EVITech Institute of Technology from 2. –5.6.1999, ENABLE 1999 (Enabling Network-Based Learning) 1999

Vice-president, Semiosphere association of semiotics, Helsinki University, 2002–2004.

Secretary of the Finnish Semiotic Association, 2005–2008.

Board member of the Finnish Semiotic Association, 2008–2014

Co-Director, Conference on "New Media, New Semiotics, New Mediation?", Imatra, Finland, June 2005.

Member, organisation board of world conference of the IASS in 2007 Helsinki, 2004–2007.

Member, organisation board, Symposium of Oscar days "Raja ja Rajanvetäminen", Helsinki, Finland December 2007.

President, UMWEB International association of semiotics, 2004 –2011.

Scientific and societal impact of research

Total number of publications: 46

Ten most cited by Google scholar:

(A) Scientific articles in refereed (peer reviewed) journals

- Pohjola, M. V., Pohjola, P., Paavola, S., Bouters, M. and Tuomisto, J. T. (2011). Pragmatic Knowledge Services. *Journal of Universal Computer Science*. 17 (3): 472–497. ISSN 0948-695x, Online Edition: ISSN 0948-6968, DOI: 10.3217/jucs-017-03-0472

- Pejoska, J., Bouters, M., Purma, J. and Leinonen, T. (2015). "Social Augmented Reality – enhancing context dependent communication and informal learning at work", *British Journal of Educational Technology*, July 2015. DOI: 10.1111/bjet.12442.

(A) Printed scientific refereed (peer reviewed) congress publications

- Markkanen, H., Holi, M., Benmergui, L., Bouters M. and Richter, C. (2008). "The knowledge Practices Environment: A virtual environment for collaborative knowledge creation and work around shared artefacts". *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008* (pp. 5035-5040). Chesapeake, VA:

AACE. ISBN 1-880094-53-3.

- Sins P. H. M., Bauters, M., and Damsa C. I. (2008). "Knowledge practices environment: Design and application of technology for dialogical learning". P. Dillenbourg & M. Specht (eds.), *Times of Convergence: Technologies Across Learning Contexts*. Proceedings of the third European Conference on Technology- Enhanced Learning (ECTEL) (pp. 419–430). Berlin Heidelberg: Springer-Verlag. ISBN 9783540876045.
- Lakkala, M., Paavola, S., Kosonen, K., Muukkonen, H., Bauters, M., and Markkanen, H. (2009). "Main functionalities of the knowledge practices environment (KPE) affording knowledge creation practices in education". *Proceedings of the 9th international conference on Computer supported collaborative learning – Volume 1 (CSCL'09)*, Claire O'Malley, Daniel Suthers, Peter Reimann, and Angelique Dimitracopoulou (eds.), Vol. 1. International Society of the Learning Sciences. (pp. 297–306).
- Furnadziev, I., Tchoumatchenko, V., Vasileva, T., Lakkala, M. and Bauters, M. (2009). "Tool for synchronous communications in collaborative knowledge practices environment (KPE)". A. Méndez-Vilas, A. Solano Martín, & J. Mesa González (eds.), *Research, Reflections and Innovations in Integrating ICT in Education*, Vol. I (pp. 588–592). *Proceedings of the V International Conference of Multimedia and Information and Communication Technologies in Education (m-ICTE 2009)*. FORMATEX, Badajoz, Spain: Formatex. ISBN of Collection: 978-84-692-1788-7 / ISBN Vol. 1: 978-84-692-1789-4.
- Bauters, M., Lakkala, M., Paavola, S., Kosonen, K. and Markkanen, H. (2011). "KPE (Knowledge Practices Environment) Supporting Knowledge Creation." *Proceedings of The International Conference on Information and Communication Technologies and Applications (ICTA 2011) and The International Conference on Information Design and Modeling in Science, Education, and Technology (DeMset 2011)*. Organiser: International Institute of Informatics and Systemics. Florida, USA, 29.11–02.12.2011. (pp. 84–89). ISBN9781936338450 Nagib Callaos, Michael Savoie, Mohammed Siddique ja C. Dale Zinn (eds.).
- Bauters M., Purma J. and Leinonen T. (2014). "In-time on-place learning." *Proceedings of the 10th International Conference on Mobile Learning 2014*, 28 February – 2 March, Madrid, Spain; 01/2014.
- Salo, K., **Zinin V.**, Bauters, M. and Mikkonen, T., (2017). "Modular Audio Story Platform for Museums". George A. Papadopoulos, Tvi Kuflik, Fabng Chen, Carlos Duarte and Wai-Tat Fu (eds.) in *IUI '17 Companion at Limassol, Cyprus, March 13 – 16, 2017 Proceeding of the 22nd International Conference on Intelligent User Interfaces Companion*. p. 113 – 116. ISBN: 978-1-4503-4893-5 doi: 10.1145/3030024.3040975.

(G) Scientific books and thesis book

Bauters, M. (2007). *Changes in beer labels and their meaning: a holistic approach to semiotic process*. Acta Semiotica Fennica. Helsinki. XXVII, ISBN 978-952-5431-20-9 (nid.), ISBN 978-952-10-4260-7 (pdf) <http://ethesis.helsinki.fi>, ISSN 1235-497x Acta Semiotica Fennica.

Media and implementation

Organising and facilitation hackathon Emotion Hack Day towards a more joyful Internet, 17 Oct 2018, <https://www.helsinki.fi/fi/uutiset/terveys/emotion-hack-day-rakentaa-iloisempaa-internetia>

Noddors. Bauters, Merja (Author); Aldunate Infante, Joaquin (Developer); Durall, Eva (Author); Pejoska-Laajola, Jana (Author). 2018. Research output: Artistic and non-textual form › Software › Scientific

Creatio. Durall, Eva; Nyman, Antti; Ahlström, Mikael; Hoang, Tri; Bauters, Merja. 2018, software prototype. Research output: Other contribution › Scientific

DesignIT game for design thinking. Designed in the project DesignIT. <https://designit.e-ce.uth.gr/#/>

Ach so! v1.3. Purma, Jukka (Author); Nikkilä, Leo (Author); Raivio, Samuli (Author); Lassi, Veikkonen (Author); Bauters, Merja (Author); Virnes, Marjo (Author); Leinonen, Teemu (Author). 2015. Research output: Artistic and non-textual form › Software › Scientific

(A) Peer-reviewed scientific articles

Scientific articles in refereed journals

- Bauters, M. (2006). "Semiosis of (Target) Groups: Peirce, Mead and the Subject". *Subject Matters* 2(2): 73–102. ISSN 17423775.
- Bauters, M. (2006). "Global/General (Western) Beer Signs: The Case of Italy and Finland". *Finland – Italy* Martinelli, D. & Navickaite, L (eds.). Helsinki: Umweb. (pp. 1–18). ISSN1795-1860 ISBN 139789525576023.
- Bauters, M. (2007). "Mediation Seen through the Sensory Eye: An Alternative to the 'Old' and 'New' Media Paradigm". *International Journal of Applied Semiotics*. 6 (1): 79–101. ISSN 1488-0733.
- Bauters, M. (2008). "Multiple Determination and Association: Peirce's model of mediation applied to visual signs". *Global Signs. Proceedings of the 2003-2006 Summer Congresses of the International Semiotics Institute*. Acta Semiotica Fennica XXI, Helsinki Eero Tarasti (eds.). (ISSN 1235-497X). ISBN 978-952- 5431-216.
- Pohjola, M. V., Pohjola, P., Paavola, S., Bauters, M. and Tuomisto, J. T. (2011). Pragmatic Knowledge Services. *Journal of Universal Computer Science*. 17 (3): 472–497. ISSN 0948-695x, Online Edition: ISSN 0948-6968, DOI: 10.3217/jucs-017-03-0472
- Pejoska, J., Bauters, M., Purma, J. and Leinonen, T. (2015). "Social Augmented Reality – enhancing context dependent communication and informal learning at work", *British Journal of Educational Technology*, July 2015. DOI: 10.1111/bjet.12442.
- Bardone, E. and Bauters, M. (2017). "A phronetic approach to educational design-based research: Issues and aspirations". *EDeR. Educational Design Research*, 1(1). doi: <http://dx.doi.org/10.15460/eder.1.1.1025>.
- Bauters, M. L. (2017). Experience in Design and Learning Approaches–Enhancing the Framework for Experience. *Romanian Journal of Communication and Public Relations*, 19(1), 51-68.
- Bauters, M., Vesikivi, P., & Holvikivi, J. (estimated 2020). Design thinking as a collaborative learning design tool for teachers. In M. Bauters and C. Vaz de Carvalho (eds.) *Technology Supported Active Learning*. Springer science-business media.

Book and other reviews for refereed journals:

- Bauters, M. (2008). "Complexity, biosemiotics and semiotic freedom" of The "Whole Creature – complexity, Biosemiotics and the Evolution of Culture" author: Wheeler Wendy, London: Lawrence & Wishart. 2006. *Special Issue on Biosemiotics, The American Journal of Semiotics*. ISSN: 1875-1342 (print version) ISSN: 1875-1350 (electronic version).
- Bauters, M. (2012). "Emanuele Bardone: Seeking chances: from biased rationality to distributed cognition." *Cognitive Systems Monographs*, Volume 13, Springer-Verlag, Berlin, Heidelberg, 2011, ISBN 978-3-642-19632-4, DOI: 10.1007/978-3-642-19633-1 in Mind & Society Volume 11, Issue 2 , pp 257-264 ISSN: 1593-7879.
- Bauters, M. (2019). Review of an article to the Journal of Universal Computer Sciences. 06.05.2019, *Journal of Universal Computer Science*, ISSN 0948-695X

Printed scientific refereed congress publications

- Bauters M. (2004). "Towards an Inclusive Semiotic Model of Cultural Change", on-line publication 11th International Symposium of the Austrian Association for *Semiotics ögs/aas, Europe – image & concept in cultural change, From a semiotic and transdisciplinary point of view*, Under the Auspices of the IASS–AIS.
- Bauters, M. Markkanen, H. Barclay, H. and Schrey-Niemenmaa, K. (2008). "Case-study experiments of the knowledge Practices Laboratory (KP-LAB)". *The Proceedings of IACEE 11th World Conference on Continuing Engineering Education*. Atlanta.

- Markkanen, H., Holi, M., Benmergui, L., Bauters M. and Richter, C. (2008). "The knowledge Practices Environment: A virtual environment for collaborative knowledge creation and work around shared artefacts". *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008* (pp. 5035-5040). Chesapeake, VA: AACE. ISBN 1-880094-53-3.
- Sins P. H. M., Bauters, M., and Damsa C. I. (2008). "Knowledge practices environment: Design and application of technology for triological learning". P. Dillenbourg & M. Specht (eds.), *Times of Convergence: Technologies Across Learning Contexts*. Proceedings of the third European Conference on Technology- Enhanced Learning (ECTEL) (pp. 419–430). Berlin Heidelberg: Springer-Verlag. ISBN 9783540876045.
- Lakkala, M., Paavola, S., Kosonen, K., Muukkonen, H., Bauters, M., and Markkanen, H. (2009). "Main functionalities of the knowledge practices environment (KPE) affording knowledge creation practices in education". *Proceedings of the 9th international conference on Computer supported collaborative learning – Volume 1 (CSCL'09)*, Claire O'Malley, Daniel Suthers, Peter Reimann, and Angelique Dimitracopoulou (eds.), Vol. 1. International Society of the Learning Sciences. (pp. 297–306).
- Furnadziev, I., Tchoumatchenko, V., Vasileva, T., Lakkala, M. and Bauters, M. (2009). "Tool for synchronous communications in collaborative knowledge practices environment (KPE)". A. Méndez-Vilas, A. Solano Martín, & J. Mesa González (eds.), *Research, Reflections and Innovations in Integrating ICT in Education*, Vol. I (pp. 588–592). *Proceedings of the V International Conference of Multimedia and Information and Communication Technologies in Education (m-ICTE 2009)*. FORMATEX, Badajoz, Spain: Formatex. ISBN of Collection: 978-84-692-1788-7 / ISBN Vol. 1: 978-84-692-1789-4.
- Lakkala M., Paavola S., Kosonen K., Muukkonen H., Bauters M. and Markkanen H. (2009). "Main functionalities of the knowledge practices environment (KPE) affording knowledge creation practices in education". *Proceedings of the 9th international conference on Computer supported collaborative learning – Volume 1 (CSCL'09)*, Claire O'Malley, Daniel Suthers, Peter Reimann, and Angelique Dimitracopoulou (eds.). Vol. 1. International Society of the Learning Sciences (pp. 297–306). ISBN: 978-1-4092-8598-4.
- Bauters, M., Lakkala, M., Paavola, S., Kosonen, K. and Markkanen, H. (2011). "KPE (Knowledge Practices Environment) Supporting Knowledge Creation." *Proceedings of The International Conference on Information and Communication Technologies and Applications (ICTA 2011) and The International Conference on Information Design and Modeling in Science, Education, and Technology (DeMset 2011)*. Organiser: International Institute of Informatics and Systemics. Florida, USA, 29.11–02.12.2011. (pp. 84–89). Nagib Callaos, Michael Savoie, Mohammed Siddique ja C. Dale Zinn (eds.). ISBN9781936338450.
- Bauters M., Cook J., Colley J., Bannan B., Schmidt A. and Leinonen T. (2013). "Towards a Design Research Framework for Designing Support Informal Work-Based Learning", M. Divitini, T. Ley, S. Lindstaedt, V. Pammer and M. Prilla (eds.), *Proceedings of ECTEL meets ECSCW 2013, the Workshop on Collaborative Technologies for Working and Learning co-located with 8th European Conference on Technology-Enhanced Learning (ECTEL 2013) and with the European Conference on Computer-Supported Cooperative Work 2013 (ECSCW 2013)* Paphos, Cyprus, September, 21, 2013. Vol-1047 urn:nbn:de:0074-1047-8. pp 1–5.
- Bauters M., Purma J. and Leinonen T. (2014). "In-time on-place learning." *Proceedings of the 10th International Conference on Mobile Learning 2014*, 28 February – 2 March, Madrid, Spain; 01/2014.
- Bauters, M., and Purma, J. (2014, June). Recording immediate moments at work. In *EdMedia: World Conference on Educational Media and Technology* (pp. 869-873). Association for the Advancement of Computing in Education (AACE).

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