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Publikationer

Designing a Communication App for Privacy: A Scenario-Based and Participatory Approach

Maria Parrilli, D., Afolayan Ogunyemi, A., Bauters, M. & Hernández-Ramírez, R., 2025, *Advances in Design and Digital Communication V. Martins, N. & Brandão, D. (red.)*. Springer Nature Switzerland

AI Guidelines and Ethical Readiness Inside SMEs: A Review and Recommendations

Seoudy Ibrahim, M. S. M. & Bauters, M., 2024, I: *Digital Society*. 3, 3

Ecosystems for knowledge transfer and creation

Bauters, M. & Abilakimova, A., 2024, *The XXXV ISPIM Innovation Conference: held in Tallinn, Estonia on 09 June to 12 June 2024*. Acosta Llano, E., Bitran, I., Bitetti, L. & Conn, S. (red.). Kouvola: International Society for Professional Innovation Management , s. 1-6 6 s. (ISPIM Innovation Conference Proceedings).

Embodied Learning – Are We Losing It?

Bauters, M., 2024, *Innovative Technologies and Learning. ICITL 2024.*. Cheng, Y., Pedaste, M., Bardone, E. & Huang, Y. (red.). Springer, Cham, s. 309 - 316 8 s. (Lecture Notes in Computer Science ; vol. 14785).

The Exploration of Skill Gaps and Ecosystem Potential among Estonian Creatives

Bauters, M., Tokranova, D., De Silva, L. M. H. & Mets, J., sep. 2023, I: *Sustainability*. 15, 18, 29 s., 13687.

Comparing Psychophysiological Responses to Vicarious Pain Experience Elicited by Videos Featuring either Humans or Avatars

Krivich, E., Möttus, M. & Bauters, M., 2023, *26th International Academic Mindtrek Conference*. . ACM Digital library, s. 334 - 339 6 s.

Designing a voice-controlled dialogue system for workplace learning of routine physical workers

Afolayan Ogunyemi, A., Berkovitch,, K. J., Einsok,, K.-K., Köressaar,, U., Prantsu, S.-K., Bauters, M. & Sunney Quaicoe, J., 2023, *4th African Human Computer Interaction Conference (AfriCHI 2023)*,. s. 1-7 7 s.

Existential semiotics, semiosis and emotions

Bauters, M., 2023, *Transcending Signs*. Tarasti, E. (red.). De Gruyter Mouton, s. 289 - 312 24 s. (Semiotics, Communication and Cognition [SCC]; vol. 35).

Physicality in thinking

Bauters, M., 2023, *The 13th conference of the Nordic Association for Semiotic Studies Feeling – Skill – Knowledge* . NASS XIII Helsinki conference booklet, s. 71 - 72 2 s.

Pragmatism approach to embodied learning at work

Bauters, M., 2023, *The 13th conference of the Nordic Association for Semiotic Studies Feeling – Skill – Knowledge* . s. 15 1 s.

School-Based Digital Innovation Challenges and Way Forward Conversations about Digital Transformation in Education

Sunney Quaicoe, J., Afolayan Ogunyemi, A. & Bauters, M., 2023, I: *Education Sciences*. 13, 4, 21 s., 344.

Student and teacher co-agency when combining CT with arts and design in a cross-curricular project

Mannila, L. C. Y., Leinonen, T., Bauters, M. & Veermans, M., 2023, I: Computers and Education Open. 4, 18 s.

Applying participatory design principles to collaborative art-creating sessions: Applying participatory design principles to collaborative art-creating sessions

Tokranova, D. & Bauters, M., 2022, *25th International Academic Mindtrek conference (Academic Mindtrek 2022)*. s. 347–353 7 s.

Audio-based Learning at Work: Preliminary Results of an Exploratory Interview Study

Afolayan Ogunyemi, A. & Bauters, M., 2022, *14th annual International Conference on Education and New Learning Technologies (EDULEARN22)*. IATED Academy, s. 1780–1787 8 s.

Culture coding: a method for diversifying artefact associations in design ideation

Pejoska, J., Durall, E., Bauters, M. & Leinonen, T., 2022, I: International journal of design creativity and innovation. 10, 3, s. 161-178 18 s.

Indicators for enhancing learners' engagement in massive open online courses: A systematic review

Afolayan Ogunyemi, A., Sunney Quaicoe, J. & Bauters, M., 2022, I: Computers and Education Open. 3, 2666-5573, s. 100088 <https://doi.org/10.1016/j.caeo.2022.100088>.

Are you there? Presence in collaborative distance work

Bauters, M., Pejoska, J., Dural, E., Saarikivi, K. A., Wikström, V., Falcon, M. & Martikainen, S., 31 dec. 2021, I: Human Technology. 17, 3, s. 261-293 33 s., 17.

Heart Rate Sharing at the Workplace

Wikström, V., Falcon, M., Martikainen, S., Pejoska, J., Dural, E., Bauters, M. & Saarikivi, K. A., 8 okt. 2021, I: Multimodal Technologies and Interaction. 5, 10, 27 s., 60.

Methods and practices for supporting inclusion using current video-conferencing tools as learning environments: Methods and practices for supporting inclusion

Pejoska, J. & Bauters, M., juli 2021, s. 180–182. 3 s.

Agile and Lean Methods with Design Thinking

Pata, K., Bauters, M., Vesikivi, P. & Holvikivi, J., 2021, *Technology Supported Active Learning: Student-Centered Approaches*. Vaz de Carvalho, C. & Bauters, M. (red.). Singapore: Springer, s. 13-30 18 s. (Lecture Notes in Educational Technology).

Agile Methodologies in Learning with Design Thinking

Vesikivi, P., Bauters, M. & Holvikivi, J., 2021, *Technology Supported Active Learning : Student-Centered Approaches*. Vaz de Carvalho, C. & Bauters, M. (red.). Singapore: Springer, s. 75-90 16 s. (Lecture Notes in Educational Technology).

Designing for Active Engagement in Online Learning Environments

Afolayan Ogunyemi, A., Bauters, M., Pejoska, J. & Sunney Quaicoe, J., 2021, *3rd African Human-Computer Interaction Conference*. ACM. ACM Digital library, s. 176–179 4 s.

Design Thinking as a Collaborative Learning Design Tool for Teachers

Bauters, M. & Vesikivi, P., 2021, *Technology Supported Active Learning*. Bauters, M. & Vaz de Carvalho, C. (red.). Springer, s. 125–144 35 s. (Lecture Notes in Educational Technology).

SEMIOOTTINEN ANALYYSI

Bauters, M., 2021, Yhteiskuntatieteellinen tietoaarkisto (FSD).

Technology Supported Active Learning

Vaz de Carvalho, C. & Bauters, M., 2021, Springer Singapore. 188 s. (Lecture Notes Educational Technology; vol. 1)

Technology to Support Active Learning in Higher Education

Bauters, M., 2021, *Technology Supported Active Learning*. Bauters, M. & Vaz de Carvalho, C. (red.). Springer, s. 1–11 11 s. (Lecture Notes in Educational Technology).

Tailoring ethical learning technology

Pejoska, J., Bauters, M., Vasarainen, M., Valisalo, T. & Mets, J., 11 dec. 2020.

An Overview of the situation of project-based learning in engineering education.

Bauters, M., Holvikivi, J. & Vesikivi, P., 2020, *SEFI 48th Annual Conference ENGAGING ENGINEERING EDUCATION PROCEEDINGS*. van der Veen, J., van Huttum-Janssen, N., Järvinen, H.-M., de Last, T. & ten Dam, I. (red.). European Society for Engineering Education, SEFI , s. 52–60 9 s.

Co-creation and co-design in technology enhanced learning: Innovating science learning outside the classroom.

Dural, E., Bauters, M., Hietala, I., Leinonen, T. & Kapros, E., 2020, I: *ID&A Interaction design & architecture(s)*. . s. 202 – 226 25 s., 42.

Teaching Design Thinking through Gamified Learning

Tsalapatas, H., Heidmann, O., Pata, K., Vaz de Carvalho, C., Bauters, M., Papadopoulos, S., Katsimendes, C., Taka, C. & Houstis, E., 2019, *Proceedings of the 11th International Conference on Computer Supported Education - Volume 2: CSEDU*, . SCITEPRESS Science And Technology Publications , Vol. 2. s. 278–283 6 s.

User generated soundscapes activating museum visitors

Salo, K., Bauters, M. & Mikkonen, T., 13 juni 2017, *SAC 2017 Symposium on Applied Computing* . Shin, S. Y., Shin, D. & Lencastre, M. (red.). New York: ACM New York, s. 220–227 8 s.

Tangibility of Sharing Experiences

Bauters, M. L. M., juni 2017, *Beyond the Ordinary: Aiming Higher in Higher Education* . Ranta-Meyer, T. (red.). Espoo: Helsinki Metropolia, University of Applied Sciences , s. 31–39 8 s. (Perspectives and Practises in HTW Berlin and Metropolia UAS Partnership 2017).

A phonetic approach to educational design-based research: Issues and aspirations

Bauters, M. & Bardone, E., jan. 2017, I: *EDeR – Educational Design Research An International Journal for Design-Based Research in Education*. 1, 1, uhh.de/EDeR.

Experience in design and learning approaches: enhancing the framework for experience

Bauters, M. L. M., 2017, I: *Romanian Journal of Communication and Public Relations*. 19, 1, s. 51-68 18 s.

Modular Audio Story Platform for Museums

Bauters, M., Salo, K., Zinin, V. & Mikkonen, T., 2017, *Proceedings of the 22nd International Conference on Intelligent User Interfaces Companion*. New York: ACM Digital library, s. 113-116 4 s.

Social augmented reality: Enhancing context-dependent communication and informal learning at work

Pejoska, J., Bauters, M., Purma, J. & Leinonen, T., maj 2016, I: *British Journal of Educational Technology*. 47, 3, s. 474-483 10 s.

Mobile Soundscape Mixer – Ready for Action

Salo, K., Bauters, M. & Mikkonen, T., 2016, *Mobile Web and Information Systems: 13th International Conference, MobiWIS 2016, Vienna, Austria, August 22-24, 2016, Proceedings*. Younas, M., Awan, I., Kryvinska, N., Strauss, C. & van Thanh, D. (red.). Springer International Publishing AG, s. 18-30 13 s. (Lecture Notes in Computer Science; vol. 9847).

Teaching working life skills in IT through collaborative practices

Holvikivi, J., Muukkonen, H., Vesikivi, P. & Bauters, M., 2016, *Proceedings of the SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education, SEFI

Creating and Sharing Knowledge Through Experiences: A Case Study with Ach so! in Healthcare Education

Bauters, M., Virnes, M., Purma, J. & Leinonen, T., 2015, *Design for Teaching and Learning in a Networked World : 10th European Conference on Technology Enhanced Learning, EC-TEL 2015 Toledo, Spain, September 15–18, 2015 Proceedings*. Conole, G., Klobučar, T., Rensing, C., Konert, J. & Lavoué, É. (red.). Cham: Springer International Publishing AG, s. 642-645 4 s. (Lecture Notes in Computer Science ; vol. 9307).

A Community Information System for Ubiquitous Informal Learning Support

Bauters, M., Nicolaescu, P., Renzel, D., Koren, I., Klamma, R. & Purma, J., juli 2014, *IEEE 14th International Conference on Advanced Learning Technologies (ICALT), 2014 : ICALT 2014*. Sampson, D. G., Spector, J. M., Chen, N.-S., Huang, R. & K. (red.). Danvers, MA: Institute of Electrical and Electronics Engineers, s. 138-140 3 s. 10.1109/ICALT.2014.48

Design Review of Requirements Bazaar from a Pragmatism Perspective

Bauters, M. L. M. & Purma, J., 2014, I: STCSN E-Letter. 2, 3

Towards a Design Research Framework for Designing Support Informal Work-Based Learning

Bauters, M. L. M., Cook, J., Bannon, B., Schmidt, A. & Leinonen, T., 2013, *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)*. Divitini, M., Ley, T., Lindsteadt, S., Pammer, V. & Prilla, M. (red.). s. 1-5

Emanuele Bardone: Seeking chances: from biased rationality to distributed cognition

Bauters, M., juni 2012, I: Mind & Society. 11, 2, s. 257-264

KPE (Knowledge Practices Environment) supporting knowledge creation practices in education

Bauters, M., Lakkala, M., Paavola, S., Kosonen, K. & Markkanen, H., 2012, *Collaborative Knowledge Creation: Practices, Tools, Concepts*. Moen, A., Mørch, A. I. & Paavola, S. (red.). Rotterdam: Sense publishers, s. 53-74 22 s. (Technology enhanced learning; vol. Vol. 7).

Semiotics' contribution into the analysis of popular culture

Bauters, M. L. M., 2012, *Being Cultural*. Cohen, B. (red.). University of Auckland New Zealand : Pearson PLC, 15 s.

KPE (Knowledge Practices Environment) Supporting Knowledge Creation Practice

Bauters, M., Paavola, S., Lakkala, M., Kosonen, K. & Markkanen, H., nov. 2011, *The International Conference on Information and Communication Technologies and Applications (ICTA 2011) : The International Conference on Information Design and Modeling in Science, Education, and Technology (DeMset 2011)*. Callaos, N., Savoie, M., Siddique, M. & Zinn, C. D. (red.). Winter Garden, Florida: International Institute of Informatics and Systemics, s. 84-89 6 s.

Pragmatic Knowledge Services

Pohjola, M. V., Pohjola, P., Paavola, S., Bauters, M. & Tuomisto, J. T., 2011, I: Journal of Universal Computer Science. 17, 3, s. 472-497 26 s.

Tiedonluominen ja sosiaalinen media korkeakoulutuksessa: Suorittamisesta yhdessä luomiseen ja arviointiin

Muukkonen, H. & Bauters, M. L. M., 2011, *Silmät auki sosiaaliseen mediaan..* Rainio, H., Vartiainen, T., Aaltonen-Ogbeide, T. & Saastamoinen, P. (red.). Eduskunnan tulevaisuusvaliokunta, Vol. 3/2011. s. 126–146 20 s.

Triological learning supported by Knowledge Practices Environment

Paavola, S., Bauters, M., Richter, C., Damsa, C., Karlgren, K., Saarivesi, E., Toikka, S., Lakkala, M., Muukkonen, H. & Ilomäki, L., 2011, *Connecting Computer-Supported Collaborative Learning to Policy and Practice: CSCL2011 Conference Proceedings Volume III — Community Events Proceedings*. Spada, H., Stahl, G., Miyake, N. & Law, N. (red.). ISLS International Society of the Learning Sciences, Vol. Volume 3. s. 1150-1153 4 s.

Käyttäjakeskeinen suunnittelu ja käyttäjät kehittäjinä –orientoituneisuus

Bauters, M., 2009, *Luova työ tutkimuksen kohteena.: Avauksia design-alojen tutkimusmetodologiaan*. Mäkelä-Marttinen, L. (red.). Kouvola, (Kymenlaakson ammattikorkeakoulun julkaisuja. Sarja A. Oppimateriaali; nr. 23).

Main functionalities of the Knowledge Practices Environment (KPE) affording knowledge creation practices in education

Lakkala, M., Paavola, S., Kosonen, K., Muukkonen, H., Bauters, M. & Markkanen, H., 2009, *[Computer Supported Learning Practices]: proceedings of the 9th International Conference on Computer Supported Collaborative Learning [CSCL2009], Rhodes, Greece, June 8-13, 2009 : Volume 1, / Editors: Claire O'Malley, Daniel Suthers, Peter Reimann, Angelique Dimitracopoulou.* O'Malley, C., Suthers, D., Reimann, P. & Dimitracopoulou, A. (red.). ISLS International Society of the Learning Sciences, s. 297-306 10 s.

Tools for synchronous communications in collaborative Knowledge Practices Environment (KPE)

Furnadzhiev, I., Tchoumatchenko, V., Vasileva, T., Lakkala, M. & Bauters, M., 2009, *Research, reflections and innovations in integrating ICT in education. Vol. 1.* Mendez-Vilas, A., Solano Martin, A. & Mesa Gonzalez, J. (red.). Badajoz: Formatex , s. 588-592 5 s.

Complexity, biosemiotics and semiotic freedom: The whole creature : complexity, biosemiotics and the evolution of culture
Bauters, M., 2008, I: *American Journal of Semiotics.* 24, 1/3

Knowledge practices environment: Design and application of technology for trialogical learning

Bauters, M. L. M., Damsa, C. & Patrick, S., 2008, *Times of Convergence: Technologies Across Learning Contexts: the third European Conference on Technology- Enhanced Learning (ECTEL)* . Dillenbourg, P. & Specht, M. (red.). Berlin: Springer-Verlag, s. 419-430 11 s. (Lecture notes in computer science; nr. 5192).

Multiple Determination and Association: Peirce's Model of Mediation Applied to Visual Signs

Bauters, M., 2008, *Global Signs : Proceedings from the ISI Summer Congresses at Imatra in 2003-2006.* Tarasti, E. (red.). Imatra: International Semiotics Institute, s. 122-129 8 s. (Acta Semiotica Fennica; vol. 29).

The knowledge Practices Environment: A virtual environment for collaborative knowledge creation and work around shared artefacts

Bauters, M. L. M., Markkanen, H., Holi, M., Benmergui, L. & Richter, C., 2008, *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008.* s. 5035-5040

Changes in Beer Labels and their Meaning: A Holistic Approach to the Semiotic Process

Bauters, M., 2007, Imatra : Helsinki: International Semiotics Institute. 228 s.

Mediation Seen through the Sensory Eye: An Alternative to the 'Old' and 'New' Media Paradigm

Bauters, M., 2007, I: *International Journal of Applied Semiotics.* 6 , 1, s. 1-122 121 s.

Global/General (Western) Beer Signs: The Case of Italy and Finland

Bauters, M., 2006, *Finland – Italy: A few comparisons.* Martinelli, D. & Navickaitė, L. (red.). Helsinki: UMWEB, 16 s. (UMWEB).

Semiosis of (Target) Groups: Peirce, Mead and the Subject

Bauters, M., 2006, I: *Subject Matters.* 2, 2, s. 73–102 30 s.

S for Sinebrychoff

Bauters, M., 2004, *Semiotics from S to S.* Bauters, M., Ipsen, G. & Martinelli, D. (red.). Dortmund/Helsinki: UMWEB, 18 s.

S for Sixty-nine

Bauters, M., 2004, *Semiotics from S to S.* Bauters, M., Ipsen, G. & Martinelli, D. (red.). UMWEB, 16 s.

!!Projects

KP-Lab: Developing Knowledge-Practices Laboratory

Bauters, M. (Projektledare)

01/01/2007 → 25/12/2011

Learning Layers, Scaling up Technologies for Informal Learning in SME Clusters

Bauters, M. (Deltagare)
01/11/2012 → 30/11/2016

Learning Layers, Scaling up Technologies for Informal Learning in SME Clusters

Pejoska, J. (Deltagare) & Bauters, M. (Projektledare)
01/11/2012 → 30/11/2016

Quantifying Human Experience for Increased Intelligence Within Work Teams and in the Customer Interface

Pejoska, J. (Deltagare), Bauters, M. (Projektledare), Saarikivi, K. A. (Principal Investigator), Wikström, V. (Deltagare), Falcon, M. (Deltagare), Martikainen, S. (Deltagare), Durall, E. (Deltagare) & Leinonen, T. (Projektledare)
01/01/2018 → 30/06/2020

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Bauters, M. (Projektledare) & Saro, E. (Projektledare)
01/02/2000 → 21/12/2000