

Publications of Nelson Baloian by year

Year 2009

1. Benjamin Weyers, Nelson Baloian, Wolfram Luther. Cooperative Creation of Concept Keyboards in Distributed Learning Environments. In Marcos R.S. Borges, Weiming Shen, José A. Pino, Jean-Paul Barthes, Junzhou Luo, Sergio Ochoa, Jianming Yang (ed.), *Proc. 13th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 534-539, Apr 2009. Santiago, Chile. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-3535-7.
2. Claudio Sapateiro, Nelson Baloian, Pedro Antunes, Gustavo Zurita. Developing Collaborative Peer-to-Peer Applications on Mobile Devices. In Marcos R.S. Borges, Weiming Shen, José A. Pino, Jean-Paul Barthes, Junzhou Luo, Sergio Ochoa, Jianming Yang (ed.), *Proc. 13th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 396-401, Apr 2009. Santiago, Chile. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-3535-7.
3. Nelson Baloian, Francisco Claude, Roberto Konow, Sebastian Kreft. E-Breaker: Flexible, Distributed Environment for Collaborative Authoring. In Marcos R.S. Borges, Weiming Shen, José A. Pino, Jean-Paul Barthes, Junzhou Luo, Sergio Ochoa, Jianming Yang (ed.), *Proc. 13th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 173-178, Apr 2009. Santiago, Chile. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-3535-7.
4. Dusan Juretic, Gustavo Zurita, Nelson Baloian. MCPresenter: A Mobile Tool Supporting various Collaborative Learning Practices in the Classroom. In Marcos R.S. Borges, Weiming Shen, José A. Pino, Jean-Paul Barthes, Junzhou Luo, Sergio Ochoa, Jianming Yang (ed.), *Proc. 13th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 420-425, Apr 2009. Santiago, Chile. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-3535-7.
5. Nelson Baloian, Wolfram Luther. Cooperative Visualization of Cryptographic Protocols Using Concept Keyboards. *International Journal of Engineering Education (IJEE)* 25(4):745-754, Aug 2009. Tempus Publications, Rossmore, Ireland. ISSN 0949-149X.
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7. Olivier Motelet, Nelson Baloian, José A. Pino. Taking Advantage of Metadata Semantics: The Case of Learning-Object-based Lesson Graphs. *Knowledge and Information Systems (KAIS)* 20(3):323-348, Sep 2009. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 0219-1377.
8. Pedro Antunes, Gustavo Zurita, Nelson Baloian. A Model for Designing Geocollaborative Artifacts and Applications. In Luis Carriço, Nelson Baloian, Benjamin Fonseca (ed.), *Proc.*

15th Collaboration Researchers' International Workshop on Groupware (CRIWG), pp. 278-294, Sep 2009. Peso da Regua, Portugal. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 5784. ISBN 978-3-642-04215-7.

9. Benjamin Weyers, Wolfram Luther, Nelson Baloian. Cooperative Model reconstruction for Cryptographic Protocols using Visual Languages. In Luis Carriço, Nelson Baloian, Benjamin Fonseca (ed.), *Proc. 15th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 311-318, Sep 2009. Peso da Regua, Portugal. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 5784. ISBN 978-3-642-04215-7.
10. Luís Carriço, Nelson Baloian, Benjamin Fonseca, ed. *Proceedings of the 15th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, Sep 2009. Peso da Regua, Portugal. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-642-04215-7. Lecture Notes in Computer Science vol. 5784.
11. Nelson Baloian, Wolfram Luther, Dirk Soefker, Yoshiori Urano, ed. *Interface and Interaction Design for Learning and Simulation Environments*. 306 pages, 2009. Logos Verlag, Berlin, Germany. ISBN 978-3-8325-2361-9.
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Year 2010

1. Nelson Baloian, José A. Pino, Gustavo Zurita, Gabriel Peña. Learning with Patterns: an Effective Way to Implement Computer Supported Pervasive Learning. In Weiming Shen, Ning Gu, Tun Lu, Jean-Paul Barthès, Junzhou Luo (ed.), *Proc. 14th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 677-682, Apr 2010. Shangai, China. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-6763-1. Best Paper Award.
2. Gustavo Zurita, Nelson Baloian. Collaborative Geo-referenced Knowledge Creation for Designing and Planning. In Weiming Shen, Ning Gu, Tun Lu, Jean-Paul Barthès, Junzhou Luo (ed.), *Proc. 14th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 257-262, Apr 2010. Shangai, China. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-6763-1.
3. Roberto Konow, Wayman Tan, Luis Loyola, Javier Pereira, Nelson Baloian. Recommender System for Contextual Advertising in IPTV Scenarios. In Weiming Shen, Ning Gu, Tun Lu, Jean-Paul Barthès, Junzhou Luo (ed.), *Proc. 14th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 617-622, Apr 2010. Shangai, China. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4244-6763-1.

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5. Pedro Antunes, Claudio Zapateiro, Gustavo Zurita, Nelson Baloian. Integrating Spatial Data and Decision Models in a E-Planning Tool. In Gwendolyn Kolfschoten, Thomas Herrmann, Stephan Lukosch (ed.), *Proc. 16th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 97-112, Sep 2010. Maastricht, The Netherlands. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 6257. ISBN 978-3-642-15713-4.
6. Luis Carrico, Gustavo Zurita, Marco de Sa, Nelson Baloian, Joao Faria, Isabel Sa. Evaluating a Prototype for Geo-Referenced Collaborative Psychotherapy with Mobile Devices. In Gwendolyn Kolfschoten, Thomas Herrmann, Stephan Lukosch (ed.), *Proc. 16th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 353-362, Sep 2010. Maastricht, The Netherlands. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 6257. ISBN 978-3-642-15713-4.
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2. Pedro Antunes, Claudio Sapateiro, Gustavo Zurita, Nelson Baloian. Development of a Mobile Situation Awareness Tool Supporting Disaster Recovery of Business Operations. In Frada Burstein, Patrick Brezillon, Arkady Zaslavsky (ed.), *Supporting Real-time Decision Making*, pp. 337-360, 2011. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-1-4419-7405-1. Annals of Information Systems vol. 13.
3. Claudio Sapateiro, Nelson Baloian, Pedro Antunes, Gustavo Zurita. Developing a Mobile Collaborative Tool for Business Continuity Management. *Journal of Universal Computer*

Science (JUCS) 17(2):164-182, 2011. Graz University of Technology, Graz, Austria. ISSN 0948-695X.

4. Nelson Baloian, José A. Pino, Jens Hardings. Learning about Earthquakes: Getting Serious about Authenticity in Computer-Supported Learning. *Interactive Learning Environments (ILE)* 19(3):285-302, 2011. Routledge, London, UK. ISSN 1049-4820.
5. Nelson Baloian, Javier Bustos, Ramon Cruzat, Richard Ibarra. Sketchs Characterization and Compression for Nomadic Computing. In W. Shen, J-P. Barthes, J. Luo, P. Kropf, M. Puly. J. Yang, Y. Xue, M. Ramos (ed.), *Proc. 15th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 457-464, Jun 2011. Lausanne, Switzerland. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4577-0385-0.
6. Nelson Baloian, Gustavo Zurita, Flavia Santoro, Renata Araujo, Sean Wolfgan, Douglas Machado, José A. Pino. A Collaborative Mobile Approach for Business Process Elicitation. In W. Shen, J-P. Barthes, J. Luo, P. Kropf, M. Puly. J. Yang, Y. Xue, M. Ramos (ed.), *Proc. 15th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 473-480, Jun 2011. Lausanne, Switzerland. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4577-0385-0.
7. Pedro Antunes, Antonio Ferreira, Gustavo Zurita, Nelson Baloian. Analyzing the Support for Large Group Collaborations using Google Maps. In W. Shen, J-P. Barthes, J. Luo, P. Kropf, M. Puly. J. Yang, Y. Xue, M. Ramos (ed.), *Proc. 15th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 748-755, Jun 2011. Lausanne, Switzerland. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4577-0385-0.
8. Francisco Gutierrez, Nelson Baloian, Gustavo Zurita. Boosting Participation in Virtual Communities. In Adriana R.S. Borges, Marcos S. Vivaqua (ed.), *Proc. 17th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 14-29, Oct 2011. Paratí, Brasil. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 6969. ISBN 978-3-642-23800-0.
9. Nelson Baloian, Jonathan Frez, Marc Janser, Gustavo Zurita. The Future Role of HTML5 in Mobile Situated Learning Scenarios. In Shengquan Yu (ed.), *Proc. 10th World Conference on Mobile and Contextual Learning (mLearn)*, pp. 249-257, Oct 2011. Beijing, China. Normal University of Beijing, Beijing, China. ISBN 978-7-88101-650-4.
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2. Jonathan Frez, Nelson Baloian, Gustavo Zurita. Software Platform to build Geo-collaborative Systems Supporting Design and Planning. In *Proc. 16th IEEE International Conference on Computer Supported Collaborative Work in Design (CSCWD)*, pp. 351-357, May 2012. Wuhan, China. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-1-4673-1210-3.
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9. Sergio Ochoa, José A. Pino, Nelson Baloian, Pedro Antunes, Valeria Herskovic. Some Observations from the Analysis of an Online Discussion Board. In *Proc. IEEE International*

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11. Marc Janser, Lars Bollen, Nelson Baloian, H. Ulrich Hoppe. Cloud Services for Learning Scenarios: Widening the Perspective. In *Proc. 1st International Workshop on Cloud Education Environments (WLOUD)*, pp. 33-37, Nov 2012. Antigua, Guatemala.
12. Gert-Jan de Vreede, Nelson Baloian, ed. Special Issue on Collaborative Computing for Decision Making. *International Journal of Information Technology & Decision Making (IJITDM)* 11(6), Nov 2012. World Scientific Publishing Co..
13. Gustavo Zurita, Nelson Baloian. Context, Patterns and Geo-collaboration to Support Situated Learning. In J. Bravo, D. López-de-Ipiña, F. Moya (ed.), *Proc. 6th International Conference on Ubiquitous Computing and Ambient Intelligence (UCAmI)*, pp. 503-511, Dec 2012. Vitoria-Gasteis, Spain. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 7656.

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3. Francisco Gutierrez, Gustavo Zurita, Sergio Ochoa, Nelson Baloian. Analyzing Two Participation Strategies in an Undergraduate Course Community. In *Proc. 19th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 143-158, 2013. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science.
4. Gustavo Zurita, Nelson Baloian. Using Geo-collaboration and Microblogging to Support Learning: Identifying Problems and Opportunities for Technological Business. In *Proc. 19th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 215-232, 2013. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science.

5. Diego Muñoz, Francisco Gutierrez, Sergio Ochoa, Nelson Baloian. Enhancing Social Interaction between Older Adults and Their Families. In *Proc. 5th International Workshop on Ambient Assisted Living (IWAAL)*, pp. 47-54, 2013. Carrillo, Costa Rica. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science.
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8. Jonathan Frez, Nelson Baloian, José A. Pino, Gustavo Zurita. Cooperative Work for Spatial Decision Making: An Emergencies Management Case. In *Proc. 20th Collaboration Researchers' International Workshop on Groupware (CRIWG)*, pp. 113-120, Sep 2014. Santiago, Chile. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 8658. ISBN 978-3-319-10165-1.
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12. Gustavo Zurita, Nelson Baloian. Situated Learning Theory and Geo-collaboration for Seamless Learning. In *Seamless Learning in the Age of Mobile Connectivity*, pp. 181-200, Sep 2014. Springer Science+Business Media, Singapore, Singapore. ISBN 978-981-287-112-1.
13. Nelson Baloian, Diego Aguirre, Gustavo Zurita. Developing Distributed Collaborative Applications with HTML5 under the Coupled Objects Paradigm. *Journal of Universal Computer Science (JUCS)* 20(13):1712-1737, 2014. Graz University of Technology, Graz, Austria. ISSN 0948-695X.
14. Pablo Romo, Sergio Ochoa, Nelson Baloian, Ignacio Casas, José Bravo. Monitoring Physical Activities Using Smartphones. In *Proc. 8th International Conference on Ubiquitous Computing and Ambient Intelligence (UCAmI)*, pp. 388-395, Dec 2014. Belfast, Ireland. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 8867.

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Year 2016

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