

Ravi Kiran Vatrapu

Personal data

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Education

- 2007 | Doctor of Philosophy, Communication & Information Sciences | University of Hawaii-Manoa
- 2002 | Master of Science, Computer Science and Applications | Virginia Tech
- 2000 | Bachelor of Technology, Computer Science and Systems Engineering | Andhra University

Current and Most Recent Positions Held

- 2012 – present | Professor mso of Human-Computer Interaction | Copenhagen Business School
- 2012 – present | Professor of Applied Computing| Westerdals-Oslo ACT
- 2010 – 2012 | Associate Professor of Applied ICT | Copenhagen Business School
- 2009 – 2010 | Assistant Professor of Applied ICT | Copenhagen Business School
- 2008 – 2009 | Junior Researcher in Computer Science | University of Hawaii at Manoa
- 2008 – 2009 | Research Assistant in Computer Science | University of Hawaii at Manoa
- 2000 – 2002 | Research Assistant in Computer Science | Virginia Tech

Academic Awards and Honours

- Best Paper Award and Best Paper Nomination, ACM CABS 2014, Kyoto, Japan
- Best Student Paper Award and Best Paper Nomination, CSCL 2009, Rhodes, Greece
- Best Paper Nomination, ACM CHI 2009, Boston, USA
- Best Paper Award, ICCE 2007, Hiroshima, Japan

External Research Funding and Management

- [Big Data Analytics for Social Business: Industriens Fond: Big Data Tema](#) (PI, 2015-2018, 6,200,000 DKK)
- [Networked Business Institute](#): Public-Private Partnership (PI, 2014-2017, 3,363,837 DKK)
- [Novel Augmented Reality Services](#): Nordic Innovation (Co-PI, 2012-2013, CBS: 140,000/1,501,500 NOK)
- [International Networking Grants](#): Danish Ministry of Science (PI, 2010-2012, 1,080,000 DKK)
- [NEXT-TELL](#): EU FP7 Large-Scale Integrating Project (Co-PI, 2010-2014, CBS: 589,954 / 8,176,135 EUR)
- Director, Computational Social Science Laboratory (cssl.cbs.dk), Copenhagen Business School
- Co-Director, Mobile Technology Laboratory, Westerdals-Oslo ACT, Norway

Scientific Focus Areas

Computational Social Science, Big Data Analytics, Teaching Analytics and Comparative Informatics

Industry Relations

- Networked Business Initiative project with Børsen, Dansk Erhverv, Dansk Industri and Lederne
- Industrial PhD Project, Jyllands-Posten
- Industrial PhD Project, TDC

- Industrial PhD Project, MindJumpers

Research Supervision

4 Postdocs (supervised) & 10 PhD students (currently supervising)

List of Publications

Books

[B.02] Reimann, P., Bull, S., Kickmeier-Rust, M., Vatrappu, R., & Wasson, B (Editors). (in press/2015). [Measuring and Visualizing Learning in the Information-Rich Classroom](#). Routledge, New York.

[B.01] Vatrappu, R., Mukkamala, R., & Hussain, A. (under preparation/2016). Social Set Analysis. [Springer Series on Computational Social Sciences](#), New York.

Journal Articles

[J.14] Zimmerman, C., Hansen, K., & Vatrappu, R. (2014). A Theoretical Model for Digital Reverberations of City Spaces and Public Places. *International Journal of Electronic Government Research*, 10(1), 46-62. 10.4018/ijegr.2014010104.

[J.13] Steinmetz, S, Kaczmarek, L, de Pedraza, P, Reips, U-D, Tijdens, K, Lozar Manfreda, K, Rowland, L, Serrano, F, Vidakovic, M, Vogel, C, Belchior, A, Berzelak, J, Biffignandi, S, Birgegard, A, Cachia, E, Callegaro, M, J. Camilleri, P, Marco Campagnolo, G, Cantijoch, M, Cheikhrouhou, N, Constantin, D, Dar, R, David, S, de Leeuw, E, Doron, G, Fernandez-Macias, E, Finnemann, NO, Foulonneau, M, Fornara, N, Fuchs, M, Funke, F, Gibson, R, Greeva, S, Haraldsen, G, Jonsdottir, G, Kahanec, M, Kissau, K, Kolsrud, K, Lenzner, T, Lesnard, L, Margetts, H, Markov, Y, Milas, G, Mlacic, B, Moga, LM, Neculita, M, Popescu, AI, Ronkainen, S, Scherpenzeel, A, Selkala, A, Kalgraff Skjak, K, Slavec, A, Ernst Staehli, M, Thorsdottir, F, Toninelli, D, Vatrappu, R, Vehovar, V, Villacampa Gonzalez, A & Winer, BD 2012, 'WEBDATANET: A Network on Web-Based Data Collection, Methodological Challenges, Solutions and Implementation' *International Journal of Internet Science*, vol 7, no. 1, pp. 78-90.

[J.12] Sørnum, H., Andersen, K.N., & Vatrappu, R. (2012). Public Services and Human Computer Interaction: An Empirical Study of the Relationship between Website Quality and User Satisfaction. *Behavior and Information Technology*, 31(7), 697-706.

[J.11] Andersen, K.N., Medaglia, R., Vatrappu, R., Henriksen, H.Z., & Gauld, R. (2011). The Forgotten Promise of E-Government Maturity: Assessing Responsiveness in the Digital Public Sector. *Government Information Quarterly*, 28(4), 439-445.

[J.10] Nardi, B., Vatrappu, R., & Clemmensen, T. (2011). Comparative Informatics. *interactions*, , 18(2), 28-33.

[J.09] Vatrappu, R., & Suthers, D. (2010). Intra- and Inter-Cultural Usability in Computer Supported Collaboration. *Journal of Usability Studies*, 5(4), 172-197. ([paper](#))

[J.08] Robertson, S., Vatrappu, R., & Medina, R. (2010). Off the Wall Political Discourse: Facebook Use in the 2008 U.S. Presidential Election. *Information Polity*, 15(1-2), 11-31. ([link](#))

[J.07] Robertson, S., Vatrappu, R., & Medina, R. (2010). Online Video “Friends” Social Networking: Overlapping Online Public Spheres in the 2008 U.S. Presidential Election. *Journal of Information Technology & Politics*. 7(2), 182-201. ([link](#))

[J.06] Suthers, D., Dwyer, N., Medina, R., & Vatrappu, R. (2010). A Framework for Conceptualizing, Representing and Analyzing Distributed Mediated Interaction. *International Journal of Computer Supported Collaborative Learning*, 5(1), 5-42. ([paper](#))

[J.05] Robertson, S.P., & Vatrappu, R.K. (2010). Digital government. In B. Cronin (Ed.), *Annual Review of Information Science and Technology*, Volume 44, Chapter 8, pp. 317-364.

[J.04] Vatrappu, R., Robertson, S., & Dissanayake, W. (2008). Are Political Weblogs Public Spheres or Partisan Spheres? *International Reports on Socio-Informatics*, 5(1), 7-26.

[J.03] Vatrappu, R. (2008). Cultural Considerations in Computer Supported Collaborative Learning. *Research and Practice in Technology Enhanced Learning*, 3(2), 159-201.

[J.02] Suthers, D., Vatrappu, R., Medina, R., Joseph, S., & Dwyer, N. (2008). Beyond Threaded Discussion: Representational Guidance in Asynchronous Collaborative Learning Environments. *Computers and Education*, 50(4), 1103-1127.

[J.01] Vatrappu, R., & Pérez-Quiñones, M. (2006). Culture and Usability Evaluation: The Effects of Culture in Structured Interviews. *Journal of Usability Studies*, 1(4), 156-170.

Book Chapters

[BC.03] Vatrappu, R. (2013). Understanding Social Business. In K. B. Akhilesh (Ed.), *Emerging Dimensions of Technology Management* (pp. 147-158). New Delhi: Springer.

[BC.02] Medina, R., Suthers, D., & Vatrappu, R. (2009). Representational practices in VMT. In G. Stahl (Ed.), *Studying Virtual Math Teams* (pp. 185-206). London: Springer Computer-Supported Collaborative Learning Series, Vol 11. ([Pre-Print](#))

[BC.01] Suthers, D., Dwyer, N., Medina, R., & Vatrappu, R. (2009). Exposing Interactional Processes in Online Learning. In K. Kumpulainen, C. Hmelo-Silver & M. César (Eds.), *Investigating Classroom Interaction: Methodologies in Action*: Rotterdam : Sense Publishers, 121-144. ([Pre-Print](#))

Conference Proceedings

[C.75] Pantazos, K., & Vatrappu, R. (in press/2016). Enhancing the Professional Vision of Teachers: A Physiological Study of Teaching Analytics Dashboards of Students’ Repertory Grid Exercises in Business Education. Proceedings of HICSS 2016, IEEE Press, IEEE Xplore.

[C.74] Jussila, J., Menon, K., Mukkamala, R., Hussain, A., Lasrado, L., Vatrappu, R., Kärkkäinen, H., & Huhtamäki, J. (in press/2016). Crowdfunding in the development of social media fanbase – case study of two competing ecosystems. Proceedings of HICSS 2016, IEEE Press, IEEE Xplore.

[C.73] Zimmerman, C., Stein, M-K., Hardt, D., & Vatrappu, R. (in press/2015). Emergence of Things Felt: Harnessing the Semantic Space of Facebook Feeling Tags. Proceedings of the 2015 International Conference on Information Systems (ICIS 2015), AIS Electronic Library.

- [C.72] Flesch, B., Vatrappu, R., Mukkamala, R., & Hussain, A. (in press/2015). Social Set Visualizer: A Set Theoretical Approach to Big Social Data Analytics of Real-World Events. Mining Social Data Workshop at the 2015 IEEE International Conference on Big Data (IEEE Big Data). Proceedings of the IEEE Computer Society, IEEE Press, IEEE Xplore.
- [C.71] Lassen, N. B., Madsen, R., & Vatrappu, R. (2015). Predictive Analytics with Big Social Data. Paper presented at International Conference on Computational Social Science, Alto, Finland.
- [C.70] Iskou Sørensen, J., Mukkamala, R. R., Hussain, A., & Vatrappu, R. (2015). A Framework for Managing Corporate Social Media Crisis. Abstract from The 2015 International Conference on Social Media & Society, Toronto, Canada.
- [C.69] Hansen, K., Gronli, T-M., Langberg, H., & Vatrappu, R. (2015). Towards a Theory of Socially Shared Physical Activity: Literature Review, Taxonomy and Research Agenda. Poster session presented at The 2015 International Conference on Social Media & Society, Toronto, Canada.
- [C.68] Zimmerman, C., & Vatrappu, R. (2015). The Social Newsroom: Visual Analytics for Social Business Intelligence. In B. Donnellan, M. Helfert, J. Kenneally, D. VanderMeer, M. Rothenberger, & R. Winter (Eds.), *New Horizons in Design Science: Broadening the Research Agenda: Proceedings of the 10th International Conference, DESRIST 2015*. (pp. 386-390). Cham: Springer. (Lecture Notes in Computer Science; No. 9073). 10.1007/978-3-319-18714-3_28
- [C.67] Vatrappu, R., Hussain, A., Lassen, N. B., Mukkamala, R. R., Flesch, . B., & Madsen, R. (2015). Social Set Analysis: Four Demonstrative Case Studies. In A. Gruzd, J. Jacobson, P. Mai, & B. Wellman (Eds.), *Proceedings of the 2015 International Conference on Social Media & Society*. [3] New York: Association for Computing Machinery. 10.1145/2789187.2789203
- [C.66] Tørning, K., Jaffari, Z. A., & Vatrappu, R. (2015). Current Challenges in Social Media Management. In A. Gruzd, J. Jacobson, P. Mai, & B. Wellman (Eds.), *Proceedings of the 2015 International Conference on Social Media & Society*. [14] New York: Association for Computing Machinery. 10.1145/2789187.2789191
- [C.65] Mukkamala, R. R., Iskou Sørensen, J., Hussain, A., & Vatrappu, R. (2015). Detecting Corporate Social Media Crises on Facebook Using Social Set Analysis. In C. Barbara, & L. Khan (Eds.), *Proceedings of the 2015 IEEE International Congress on BigData*. (pp. 745-748). Los Alamitos: IEEE Press. 10.1109/BigDataCongress.2015.123
- [C.64] Jensen, T., & Vatrappu, R. (2015). Shipping Information Pipeline: Initial Design Principles. In B. Donnellan, R. Gleasure, M. Helfert, J. Kenneally, M. Rothenberger, M. C. Tremblay, D. VanderMeer, ... R. Winter (Eds.), *At the Vanguard of Design Science: First Impressions and Early Findings from Ongoing Research Research-in-Progress Papers and Poster Presentations from the 10th International Conference, DESRIST 2015*. Dublin, Ireland, 20-22 May. (pp. 17-24). Dublin: Cork Open Research Archive. CORA.
- [C.63] Jensen, T., & Vatrappu, R. (2015). Ships & Roses: A Revelatory Case Study of Affordances in International Trade. In J. Becker, J. vom Brocke, & M. De Marco (Eds.), *ECIS 2015 Proceedings*. Atlanta, GA: Association for Information Systems. AIS Electronic Library (AISeL). (Proceedings / European Conference on Information Systems (ECIS)).

- [C.62] Hussain, Abid; Vatrappu, Ravi / Social Data Analytics Tool: Design, Development and Demonstrative Case Studies. 2014. Paper presented at The 18th IEEE EDOC (Enterprise Computing Conference) 2014, Ulm, Germany.
- [C.61] Lassen, N., Madsen, R., & Vatrappu, R. (2014). Predicting iPhone Sales from iPhone Tweets. Proceedings of IEEE 18th International Enterprise Distributed Object Computing Conference (EDOC 2014), Ulm, Germany, 81-90, ISBN: 1541-7719/1514, DOI: 1510.1109/EDOC.2014.1520.
- [C.60] Mukkamala, Raghava Rao; Hussain, Abid; Vatrappu, Ravi / Fuzzy-Set Based Sentiment Analysis of Big Social Data. 2014. Paper presented at The 18th IEEE EDOC (Enterprise Computing Conference) 2014, Ulm, Germany.
- [C.59] Mukkamala, Raghava Rao; Hussain, Abid; Vatrappu, Ravi / Towards a Set Theoretical Approach to Big Data Analytics. 2014. Paper presented at The 3rd IEEE International Congress on Big Data 2014, Anchorage, United States.
- [C.58] Kunst, Katrine; Vatrappu, Ravi / Towards a Theory of Socially Shared Consumption : Literature Review, Taxonomy, and Research Agenda. ECIS 2014 Proceedings. ed. / Michel Avital; Jan Marco Leimeister; Ulrike Schultze. Atlanta, GA : Association for Information Systems. AIS Electronic Library (AISeL), 2014. (Proceedings / European Conference on Information Systems (ECIS)).
- [C.57] Chris Zimmerman, Yuran Chen, Daniel Hardt, and Ravi Vatrappu. 2014. Marius, the giraffe: a comparative informatics case study of linguistic features of the social media discourse. In Proceedings of the 5th ACM international conference on Collaboration across boundaries: culture, distance & technology (CABS '14). ACM, New York, NY, USA, 131-140. DOI=10.1145/2631488.2631501 **Best Paper Nomination**
- [C.56] Jensen, Thomas; Bjørn-Andersen, Niels; Vatrappu, Ravi / Avocados Crossing Borders : The Missing Common Information Infrastructure for International Trade. CABS '14 Proceedings of the 5th ACM international conference on Collaboration across boundaries: Culture, distance & technology. ed. / Naomi Yamashita; Vanessa Evers. New York : Association for Computing Machinery, 2014. p. 15-24. **Best Paper Award**
- [C.55] Hussain, Abid; Vatrappu, Ravi / Social Data Analytics Tool (SODATO).Advancing the Impact of Design Science: Moving from Theory to Practice: Proceedings of the 9th International Conference, DESRIST 2014 . ed. / Monica Chiarini Tremblay; Debra VanderMeer; Marcus Rothenberger; Ashish Gupta; Victoria Yoon. Heidelberg : Springer, 2014. p. 368-372 (Lecture Notes in Computer Science; No. 8463).
- [C.54] Vatrappu, Ravi; Reimann, Peter; Bull , Susan; Johnson , Matthew / An Eye-tracking Study of Notational, Informational, and Emotional Aspects of Learning Analytics Representations.Proceedings of the Third International Conference on Learning Analytics and Knowledge. LAK '13. ed. / Dan Suthers; Katrien Verbert; Erik Duval ; Xavier Ochoa. New York : Association for Computing Machinery, 2013. p. 125-134 (ACM International Conference Proceeding Series).
- [C.53] Vatrappu, Ravi; Kocherla, Kiran ; Pantazos, Kostas / iKlassroom : Real-Time, Real-Place Teaching Analytics. Proceedings of the 2nd International Workshop on Teaching Analytics. IWTA 2013. ed. / Ravi K. Vatrappu; Peter Reimann; Wolfgang Halb; Susan Bull. www : CEUR Workshop Proceedings, 2013. (CEUR Workshop Proceedings; No. 985).
- [C.52] Vatrappu, Ravi; Reimann, Peter; Halb, Wolfgang; Bull , Susan / Second International Workshop on Teaching Analytics. Proceedings of the Third International Conference on Learning Analytics and Knowledge. LAK '13. ed. /

Dan Suthers; Katrien Verbert; Erik Duval ; Xavier Ochoa. New York : Association for Computing Machinery, 2013. p. 287-289 (ACM International Conference Proceeding Series).

[C.51] Vatrappu, Ravi; Reimann, Peter ; Hussain, Abid; Kocherla, Kiran / Towards Teaching Analytics : Repertory Grids for Formative Assessment (RGFA). To See the World and a Grain of Sand. Learning Across Levels of Space, Time, and Scale: CSCL 2013 Conference Proceedings. Volume 2 - Short Papers, Panels, Posters, Demos & Community Events. ed. / Nikol Rummel; Manu Kapur; Mitchell Nathan; Sadhana Puntambekar. Vol. 2 www : ISLS: International Society of the Learning Sciences, 2013. p. 422-426.

[C.50] Reimann, Peter ; Bull , Susan ; Vatrappu, Ravi / Learning to Facilitate (Online) Meetings. To See the World and a Grain of Sand. Learning Across Levels of Space, Time, and Scale: CSCL 2013 Conference Proceedings. Volume 2 - Short Papers, Panels, Posters, Demos & Community Events. ed. / Nikol Rummel; Manu Kapur; Mitchell Nathan; Sadhana Puntambekar. Vol. 2 www : ISLS: International Society of the Learning Sciences, 2013. p. 129-132.

[C.49] Pantazos, Kostas; Lauesen, Søren; Vatrappu, Ravi / End-User Development of Information Visualization. End-User Development 4th International Symposium, IS-EUD 2013, Copenhagen, Denmark, June 10-13, 2013. Proceedings. ed. / Yvonne Dittrich; Margaret Burnett; Anders Mørch; David Redmiles. Heidelberg : Springer, 2013. p. 104-119 (Lecture Notes in Computer Science; No. 7897).

[C.48] Pantazos, Kostas; Vatrappu, Ravi; Hussain, Abid / Visualizing Repertory Grid Data for Formative Assessment. Proceedings of the 2nd International Workshop on Teaching Analytics. IWTA 2013. ed. / Ravi K. Vatrappu; Peter Reimann; Wolfgang Halb; Susan Bull. www : CEUR Workshop Proceedings, 2013. (CEUR Workshop Proceedings; No. 985).

[C.47] Bull, Susan; Kickmeier-Rust, Michael; Vatrappu, Ravi; Johnson, Matthew D.; Hammermueller, Klaus; Byrne, William; Hernandez-Munoz, Luis; Giorgini, Fabrizio; Meissl-Egghart, Gerhilde / Learning, Learning Analytics, Activity Visualisation and Open learner Model : Confusing? Scaling Up Learning for Sustained Impact: 8th European Conference on Technology Enhanced Learning, EC-TEL 2013, Paphos, Cyprus, Spetember 17-21, 2013, Proceedings Series. ed. / Davinia Hernández-Leo; Tobias Ley; Ralf Klamma; Andreas Harrer. Tyskland : Springer, 2013. p. 532-535 (Lecture Notes in Computer Science, Vol. 8096).

[C.46] Vatrappu, Ravi / Cross-Cultural HCI : Theoretical Frameworks and Research Methods. 2012. Paper presented at NordiCHI 2012 - 7th Nordic Conference on Human-Computer Interaction, København, Denmark.

[C.45] Vatrappu, Ravi / Towards a Semiology of Teaching Analytics. Proceedings of the Workshop Towards Theory and Practice of Teaching Analytics 2012: In Conjunction with the 7th European Conference on Technology Enhanced Learning (EC-TEL 2012). ed. / Ravi Vatrappu; Wolfgang Halb; Susan Bull. www : CEUR Workshop Proceedings, 2012. (CEUR Workshop Proceedings).

[C.44] Vatrappu, Ravi; Tanveer, Usman ; Hussain, Abid / Towards Teaching Analytics : Communication and Negotiation Tool (CoNeTo). NordiCHI '12 Proceedings of the 7th Nordic Conference on Human-Computer Interaction : Making Sense Through Design. ed. / Thomas Pederson; Lone Malmberg; Giulio Jaccuci; Kasper Hornbæk. www : Association for Computing Machinery, 2012. p. 775-776.

[C.43] Vatrappu, Ravi; Reimann, Peter; Hussain, Abid / Towards Teaching Analytics : Repertory Grids for Formative Assessment. The Future of Learning: Proceedings of the 10th International Conference of the Learning Sciences (ICLS 2012): Volume 2, Short Papers, Symposia, and Abstracts. ed. / Jan van Aalst; Kate Thompson; Michael J. Jacobson; Peter Reimann. www : Lulu.com, 2012. p. 341-345.

[C.42] Seisto, Anu; Aikala, Maiju; Vatrappu, Ravi; Kuula, Timo / Augmented Reality as a Technology Bringing Interactivity to Print Products. *Advances in Printing and Media Technology*. ed. / Nils Enlund; Mladen Lovreček. Darmstadt : International Association of Research Organizations for the Information, Media and Graphic Arts Industries, 2012. (*Advances in Printing and Media Technology*, Vol. 39).

[C.41] Reimann, Peter; Hesse, Friedrich; Freebody, Peter; Cierniak, Gabriele; Imhof, Birgit; Wasson, Barbara; Hansen, Cecilie; Utz, Wilfrid; Vatrappu, Ravi; Bull, Susan; Johnson, Matthew; Luckin, Rosemary; Craft, Brock; Avramides, Katerina; Kossowski, Michal / Supporting Teachers in Capturing and Analyzing Data in the Technology-Rich Classroom. *The Future of Learning: Proceedings of the 10th International Conference of the Learning Sciences (ICLS 2012): Volume 2, Short Papers, Symposia, and Abstracts*. ed. / Jan van Aalst; Kate Thompson; Michael J. Jacobson; Peter Reimann. www : Lulu.com, 2012. p. 33-40.

[C.40] Olsen, Mia; Hedman, Jonas; Vatrappu, Ravi / Designing Digital Payment Artifacts. *ICEC '12: Proceedings of the 14th Annual International Conference on Electronic Commerce*. ed. / Rajendra Srivastava; Steven Miller; Lim Ee-Peng. New York : Association for Computing Machinery, 2012. p. 161-168.

[C.39] Bull, Susan; Vatrappu, Ravi / Negotiated Learner Models for Today. *Proceedings of the 20th International Conference on Computers in Education ICCE 2012*. ed. / Gautam Biswas; Lung-Hsiang Wong; Tsukasa Hirashima; Wenli Chen. Singapore : National Institute of Education, Nanyang University, 2012. p. 96-100.

[C.38] Vatrappu, R. Seven Challenges in CSCL. (2011). *Proceedings of the 9th International Conference on Computer Supported Collaborative Learning (CSCL 2011)*, Hong Kong, July 4-8, 2011.

[C.37] Bull, S., & Vatrappu, R. (2011). Supporting Collaborative Interaction with Open Learner Models: Existing Approaches and Open Questions. *Proceedings of the 9th International Conference on Computer Supported Collaborative Learning (CSCL 2011)*, Hong Kong, July 4-8, 2011.

[C.36] Olsen, M., Hedman, J., & Vatrappu, R. (2011). E-Wallet Properties.. In: *The 10th International Conference on Mobile Business*. IEEE Computer Society Press, 2011. p. 158-165.

[C.35] Hedman, J., Vatrappu, R., & Olsen, M. (2011). E-Wallet Prototypes. In *Service Oriented Perspectives in Design Science Research : 6th International Conference, DESRIST 2011*, Milwaukee, WI, USA, May 5-6, 2011. *Proceedings*. ed. / Hemant Jain ; Atish P. Sinha ; Padmal Vitharana. Berlin : Springer, 2011. p. 223-237 (Lecture Notes in Computer Science).

[C.34] Vatrappu, R. (2011). Rethinking Affordances. Paper presented at the Horizons venue of the 2011 ACM Conference on Computer Supported Cooperative Work (CSCW 2011).

[C.33] Vatrappu, R., Teplovs, C., Fujita, N., & Bull, S. (2011). Towards Visual Analytics for Teachers' Dynamic Diagnostic Pedagogical Decision-Making. Paper presented at the 1st International Conference on Learning Analytics & Knowledge (LAK 2011), Banff, Canada.

[C.32] Teplovs, Vatrappu, R. (2011). Generating Predictive Models of Learner Community Dynamics Through the Visualization of Networks Based on Social Network Analysis and Latent Semantic Analysis. Paper presented at the 1st International Conference on Learning Analytics & Knowledge (LAK 2011), Banff, Canada.

[C.31] Vatrappu, R. (2011). Cultural Considerations in Learning Analytics. Paper presented at the 1st International Conference on Learning Analytics & Knowledge (LAK 2011), Banff, Canada.

*[C.30] Vatrapu, R. (2010). Explaining Culture: An Outline of a Theory of Socio-Technical Interactions. Proceedings of the 3rd ACM International Conference on Intercultural Collaboration (ICIC 2010), 19-20 August 2010, Copenhagen, Denmark.

[C.29] Vatrapu, R., & Suthers, D. (2010). Cultural Influences in Collaborative Information Sharing and Organization. Proceedings of the 3rd ACM International Conference on Intercultural Collaboration (ICIC 2010), 19-20 August 2010, Copenhagen, Denmark.

[C.28] Nielsen, J., Bødker, M., & Vatrapu, R. (2010). Culture and (D)literacy as Challenges to Scandinavian Cooperative Design. Proceedings of the 3rd ACM International Conference on Intercultural Collaboration (ICIC 2010), 19-20 August 2010, Copenhagen, Denmark

[C.27] Vatrapu, R. (2010). Comparative Informatics: Investigating Cultural and Linguistic Influences in Computer Supported Collaborative Learning. In the Symposium on Internationalizing the Learning Sciences across Formal and Informal Environments, Proceedings of the International Conference of the Learning Sciences (ICLS 2010), Vol 2, Chicago, USA

[C.26] Vatrapu, R., & Robertson, S. (2010). An Information Foraging Analysis of Note Taking and Note Sharing While Browsing Campaign Information . Proceedings of the 43rd Hawai'i International Conference on the System Sciences (HICSS-43), IEEE Xplore.

[C.25] Vatrapu, R. (2009). Toward a Theory of Socio-Technical Interactions in Technology Enhanced Learning Environments. In U. Cress, V. Dimitrova & M. Specht (Eds.), EC-TEL 2009, Lecture Notes in Computer Science (LNCS) 5794 (pp. 694-699). Berlin Heidelberg Springer-Verlag.

[C.24] Vatrapu, R., & Suthers, D. (2009). Is Representational Guidance Culturally Relative? In Claire O'Malley, Daniel Suthers, Peter Reimann, Angelique Dimitracopoulou (eds). Computer Supported Collaborative Learning Practices: CSCL2009 Conference Proceedings, International Society of the Learning Sciences, June 8-13, 2009, Rhodes, Greece, pp.542-551.

[C.23] Vatrapu, R., Suthers, D., & Medina, R. (2009). Notational Effects on Use of Collaboratively Constructed Representations During Individual Essay Writing. In Claire O'Malley, Daniel Suthers, Peter Reimann, Angelique Dimitracopoulou (eds). Computer Supported Collaborative Learning Practices: CSCL2009 Conference Proceedings, International Society of the Learning Sciences, June 8-13, 2009, Rhodes, Greece, pp.165-169.

[C.22] Medina, R., Suthers, D., & Vatrapu, R. (2009). Inscriptions Becoming Representations. In Claire O'Malley, Daniel Suthers, Peter Reimann, Angelique Dimitracopoulou (eds). Computer Supported Collaborative Learning Practices: CSCL2009 Conference Proceedings, International Society of the Learning Sciences, June 8-13, 2009, Rhodes, Greece, pp.18-27. **(Best Student Paper Award) (Best Paper Nomination)**

[C.21] Robertson, S., Vatrapu, R., & Medina, R. (2009). The Social Life of Social Networks: Facebook Linkage Patterns in the 2008 U.S. Presidential Election. Paper presented at the 10th International Conference on Digital Government Research (dg.o 2009), May 17-20, 2009, Puebla, Mexico. ACM Digital Library. ([Paper](#))

[C.20] Robertson, S., Vatrapu, R., & Medina, R. (2009). YouTube and Facebook: Online Video Friends Social Networking. Paper presented at the First Annual Journal of Information Technology & Politics Conference: "YouTube and the 2008 Election Cycle in the United States", April 16-17, 2009, Amherst, MA, USA. ([Paper](#)) ([Slides](#)) ([YouTube Video](#))

- [C.19] Vatrapu, R., & Robertson, S. (2009). Information Foraging in E-Voting. Extended Abstract in the Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2009), April 4-9, 2009, Boston, USA.
- [C.18] Le Pape, M., & Vatrapu, R. (2009). An Experimental Study of Field Dependency in Altered Gz Extreme Environments. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2009), April 4-9, 2009, Boston, USA. **(Best Paper Nomination)**
- [C.17] Vatrapu, R., & Suthers, D. (2009). Technological Intersubjectivity in Computer Supported Intercultural Collaboration. Proceedings of the 2nd ACM International Workshop on Intercultural Collaboration (IWIC 2009).
- [C.16] Robertson, S., Vatrapu, R., & Abraham, G. (2009). Note Taking and Note Sharing While Browsing Campaign Information. Proceedings of the 42nd Hawai'i International Conference on the System Sciences (HICSS-42), IEEE Xplore.
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