
Curriculum Vitae

Current as of December 4th, 2020.

Previously listed as Kai R. T. Larsen

Kai R. Larsen

Leeds School of Business

University of Colorado, Boulder

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Boulder, CO 80309-0419

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Education

- Doctor of Philosophy (Information Science – specializing in information systems and organizational studies), Nelson A. Rockefeller College, University at Albany, SUNY, 2000.
- Candidatus Magisterii (Software Engineering), The National College for Teachers of Commerce - Norway, 1994.
- Adjunkt (Education), The National College for Teachers of Commerce - Norway, 1994.
- Diplomkandidat, NHI College of Computer Science - Norway, 1992.

Work Experience

Associate Professor, Information Systems, Leeds School of Business

2007-present University of Colorado Boulder, CO

Associate Professor, Information Science, College of Media, Communication and Information (courtesy appointment)

2015-present University of Colorado Boulder, CO

Professor (10% position), Information Systems, Faculty of Social Sciences

2020-present University of Agder Kristiansand, Norway

Assistant Professor, Information Systems, Leeds School of Business

2000- 2007 University of Colorado Boulder, CO

Lecturer, College of Information Science, College of Public Administration, and College of Business

1997-1998 University at Albany, SUNY Albany, NY

Consultant

1997-2000 Division of Criminal Justice Services Albany, NY

Graduate Assistant/Research Associate

1995-1998 Center for Technology in Government Albany, NY

Consultant

1993-1995 WM-data Oslo, Norway

Chief Spokesperson, enlisted and volunteer personnel

1992-1993 Norwegian Army Signal Corps Lillehammer, Norway

System Developer

1992-1993 Norwegian Army Signal Corps Lillehammer, Norway

Awards, Honors, and Appointments

Herbert A. Simon Award for the Best Design Research Paper at the International Conference on Design Science Research in Information Systems and Technology (DESRIST) for 2020, “Validity in Design Science Research” (with Lukyanenko, Muller, Storey, VanderMeer, Parsons, and Hovorka).

Best Paper Award for Association of Information Systems Americas Conference (AMCIS) for 2020, “Creating Construct Distance Maps with Machine Learning: Stargazing Trust” (with Gefen, Petter, and Eargle).

INFORMS ISS Design Science Award for 2019 (with Jingjing Li and Ahmed Abbasi).

Keynote speaker, AIS Special Interest Group on Systems Analysis and Design (SIGSAND) Symposium, New York City, NY. June 1-2, 2019.

Research Advisor, the Gallup Organization. 2018-

Fellow, Institute of Behavioral Science, University of Colorado, Boulder. 2018-

Member, Review Panel NSF Directorate for Computer & Information Science & Engineering (CISE), 2017.

Best prototype award, WITS, for TheoryOn: An Ontology-Based Search Engine (with Jingjing Li and Ahmed Abbasi). 2016.

Association for Information Systems, Technology Challenge Award. 2015.

Courtesy appointment as Associate Professor to Department of Information Science, College of Media, Communication and Information, University of Colorado, Boulder, 2015.

Finalist, Joseph L. Frasca Teaching Excellence Award, 2011.

Tisone Award for Innovation in Teaching, Leeds School of Business, 2007. One of four faculty in the Leeds School selected by a committee of internal and external faculty members.

Boulder Faculty Assembly Excellence in Teaching Award, 2006. One of four faculty campus-wide selected from among 2,900 eligible faculty. Fourth faculty member from the Leeds to receive the honor in 50 years.

Joseph L. Frasca Teaching Excellence Award, 2005. Nominated by students, and selected by a committee of faculty and students at the Leeds School of Business.

Finalist, Joseph L. Frasca Teaching Excellence Award, 2003.

Finalist, Joseph L. Frasca Teaching Excellence Award, 2002.

Books/ Patents

Kai R. Larsen and Daniel Becker, *Automated Machine Learning for Business* Accepted for Publication: Oxford University Press (364 pages).

U.S. Patent Office Provisional Patent 62/812,857, “*Systems and Methods for Large-Scale Detection of Relationships Between Construct Measures.*”

Refereed Papers

Li, J, Larsen, K.R. Abbasi, A. (in press), TheoryOn: A Design Framework and System for Unlocking Behavioral Knowledge Through Ontology Learning, *MIS Quarterly*. **INFORMS ISS Design Science Award for 2019.**

Gefen, D., Fresneda, J.E., and Larsen, K.R. (in press), “Trust and Distrust as Artifacts of Language: A latent Semantic Approach to Studying their Linguistic Correlates,” *Frontiers in Psychology*.

Arnulf, J. K. and K. R. Larsen (2020), “Culture blind leadership research: How semantically determined survey data may fail to detect cultural differences,” *Frontiers in Psychology*, 11(176), pp. 1-18. [[pdf](#)].

Son, J., Lee, J., Larsen, K. R., and Woo, J. (2019), "Understanding the Uncertainty of Disaster Tweets and Its Effect on Retweeting: The Perspectives of Uncertainty Reduction Theory and Information Entropy," *Journal of the Association for Information Science and Technology*.

<https://asistdl.onlinelibrary.wiley.com/doi/abs/10.1002/asi.24329>

Bosco, F. A., Field, J. G., Larsen, K. R., Chang, Y., and Uggerslev, K. L. 2019. "Advancing Meta-Analysis with Knowledge-Management Platforms: Using Metabus in Psychology," *Advances in Methods and Practices in Psychological Science*, p. 1-14.

<https://asistdl.onlinelibrary.wiley.com/doi/abs/10.1002/asi.24329>

Larsen, K.R., Hovorka, D.S. West J., Dennis A. (2019), Understanding the Elephant: A Discourse Approach to Corpus Identification for Theory Review Articles, *Journal of the AIS*. 20(7) pp. 1-41. <https://aisel.aisnet.org/jais/vol20/iss7/15/>

Templeton, G.F., S. Petter, A.M. French, K.R. Larsen, and B. Pace (2019), Information Technology Firms: Creating Value through Digital Disruption, *Communications of the AIS*. 44(35), <https://doi.org/10.17705/1CAIS.04435>.

Arnulf, J.K, Larsen, K.R., Martinsen, Ø. L. (2018), Semantic Algorithms Can Detect How Media Language Shapes Survey Responses in Organizational Behaviour, *PLOS One*. 13(12), pp. 1-26. <https://doi.org/10.1371/journal.pone.0207643> [pdf].

Arnulf, J. K., Larsen, K. R., Martinsen, Ø. L., & Egeland, T. (2018). The failing measurement of attitudes: How semantic determinants of individual survey responses come to replace measures of attitude strength. *Behavior Research Methods* [pdf-by request].

Arnulf, J.K.; Dysvik, A., Larsen, K. R. (2018): Measuring Semantic Components in Training and Motivation: A Methodological Introduction to the Semantic Theory of Survey Response. *Human Resource Development Quarterly*. 29(4) pp. <https://doi.org/10.1002/hrdq.21324>. [pdf-by request]

Arnulf, J.K., Larsen, K.R., Martinsen, Ø.L. (2018). Respondent Robotics: Simulating responses to Likert-scale survey items. *Sage Open*.

<http://journals.sagepub.com/doi/pdf/10.1177/2158244018764803>.
[pdf]

David Gefen and Kai R. Larsen (2017), Controlling for Lexical Closeness in Survey Research: A Demonstration on the Technology Acceptance Model, *Journal of the Association for Information Systems*, 18(10), pp. 727-757. (ISSN 1536-9323).

David Gefen, James Endicott, Jake Miller, Jorge Fresneda, and Kai Larsen (2017), "A Guide to Text Analysis with Latent Semantic Analysis in R with Annotated Code Studying Online Reviews and the Stack Exchange Community," *Communications of the AIS*, 41(21), pp. 450-496. [pdf]

Kai R. Larsen and Bong C.H. (2016): A Tool for addressing Construct Identity in Literature Reviews and Meta-Analyses. *MIS Quarterly*, 40(3), pp. 529-551; A1-A21. (ISSN 2162-9730). [pdf]

Kai R. Larsen, Susan Michie, Eric B. Hekler, Bryan Gibson, Donna Spruijt-Metz, David Ahern, Heather Cole-Lewis, Rebecca J. Bartlett Ellis, Bradford Hesse, Richard P. Moser, Jean Yi (2016), Behavior Change Interventions: The Potential of Ontologies for Advancing Science and Practice. *Journal of Behavioral Medicine*, 40(6), pp. (ISSN 0160-7715). [pdf]

Jan Ketil Arnulf and Kai R. Larsen (2015): Overlapping semantics of leadership and heroism: Expectations of omnipotence, identification with ideal leaders and disappointment in real managers. *Scandinavian psychologist* (ISSN 1894-5570), 2(e3).
<http://dx.doi.org/10.15714/scandpsychol.2.e3>. [pdf]

Jan Ketil Arnulf, Kai R. Larsen, Øyvind Lund Martinsen, Chih How Bong (2014), Predicting Survey Responses: How and Why Semantics Shape Survey Statistics on Organizational Behaviour, *PLOS One*, 9(9) [pdf].

Paul F. Cook, Kai R. Larsen, Teresa Sakraida, and Leli Pedro (2012), A Novel Quantitative Approach to Concept Analysis: The Inter-Nomological Network, *Nursing Research*, 61(5), pp. 369-378. [pdf].

Younghwa Lee and Kai R. Larsen (2009), Threat or Coping Appraisal: Determinants of SMB Executives' Decision to Adopt Anti-malware Software, *European Journal of Information Systems*, 18(2), pp. 177-187. [pdf].

Younghwa Lee, Kenneth Kozar, and Kai R. Larsen (2009), "Avatar E-Mail vs. Traditional E-Mail: Perceptual Difference and Media Selection Difference," *Decision Support Systems*, 46(2), pp. 451-467. [[pdf](#)].

Dirk S. Hovorka, Matt Germonprez, and Kai R. Larsen, 2008 "Explanation in Information Systems," *Information Systems Journal*, 18 (1), pp. 23-43. [[pdf](#)].

Kai R. Larsen, David E. Monarchi, Dirk S. Hovorka, and Chris Bailey, Analyzing Unstructured Text Data: Using Latent Categorization to Identify Intellectual Communities in Information Systems, (2008), *Decision Support Systems*, 45(4), 884-896. [[pdf](#)].

Dirk S. Hovorka and Kai R. Larsen, 2006, "Enabling Agile Adoption Practices Through Network Organizations," *European Journal of Information Systems*, 15 (2), pp. 159-168. [[pdf](#)].

Kozar, K.A., Larsen, K.R., Straub, D, 2006, "Leveling the Playing Field: A Comparative Analysis of Business School Journal Productivity," *Communications of the Association of Information Systems*," Vol. 17 (23), pp. 524-538. [[pdf](#)]

Younghwa Lee, Kenneth Kozar, and Kai R. Larsen, 2005, "Does Avatar Email Improve Communication?" *Communications of the ACM*, Vol. 48, No. 12, pp. 91-95. [[pdf](#)]

Kai R. T. Larsen and David E. Monarchi, 2004, "A Mathematical Approach to Categorization and Labeling of Qualitative Data: the Latent Semantic Categorization Method," *Sociological Methodology*, Vol. 34, No. 1, pp. 349-392. [[pdf](#)]

Younghwa Lee, Kenneth A. Kozar, Kai R. T. Larsen, 2003, "The Technology Acceptance Model: Past, Present, and Future," *Communications of the Association for Information Systems*, Vol 12 (50), pp. 751-780. [[pdf](#)]

Kai R. T. Larsen, 2003, A Taxonomy of Antecedents of Information Systems Success: Variable Analysis Studies, *Journal of MIS*, Vol. 20, No. 2, pp. 169-246.

Younghwa Lee, Zoonky Lee, and Kai R. T. Larsen, 2003, "Coping with Internet Channel Conflict," *Communications of the ACM*,

Vol. 46, No. 7, pp. 137-142. [[pdf](#)]

Kai R. T. Larsen, Claire R. McInerney, Corinne Nyquist, Aldo Santos, and Donna L. Silsbee, 2002, "Learning Organizations: A Primer for Group Facilitators," *Group Facilitation: A Research & Applications Journal*, Vol. 4, pp. 30-44. [[pdf](#)]

Kai R. T. Larsen and Claire R. McInerney, 2002, "Preparing to Work in the Virtual Organization," *Information & Management*, Vol. 39, No. 6, pp. 445-456.

Kai R. T. Larsen and Pamela M. Neely, 2000, "Profiles of MIS Doctoral Candidates: Ideals and Reality," *The DATA BASE for Advances in Information Systems*, Vol. 31, No. 3, pp. 64-77. [[pdf](#)]

Kai R. T. Larsen and Peter A. Bloniarz, 2000, "A Cost and Performance Model for Supporting Web Service Investments," *Communications of the ACM*, Vol. 43, No. 2, p. 109-116. [[pdf](#)]

Kai R. T. Larsen, 1999a "Voting Technology Implementation," *Communications of the ACM*, Vol. 42, No. 12, pp. 55-57. [[pdf](#)]

Kai R. T. Larsen, 1998, "The Damocles Sword of Academic Publishing: Sharper Students or Duller Sword in the MIS Field?" *ACM CROSSROADS*, Vol. 5, No. 2, pp. 27-31.

Grants

Grant no. NSF 1612580: National Science Foundation (NSF), Ontology Learning workshop planned for August 2017. PI. With co-PI Michael Paul. \$49,038.00

National Institutes of Health/National Cancer Institute, \$4,760 for "Implementation of recommender engine and dataset detection for Grid-Enabled Measures (GEM) database," 2013-2014. PI.

National Institutes of Health/National Cancer Institute, \$24,900 for "Semi-automatic detection of synonymous constructs in the Grid-Enabled Measures (GEM) database," 2012-2013. PI.

Grant no. NSF 0965338: National Science Foundation (NSF), \$358,000 for "TLS and DAT: Construct Utilization in the Behavioral Sciences," 2010-2013. PI with Jintae Lee and Eliot Rich.

Multiple grants from University of Colorado *Undergraduate Research Opportunities Program*. ~\$25,000. 40 undergraduates supported 2007 – 2014.

NIH/NCRR Colorado CTSI Grant Number 5 UL1 RR025780, \$25,000 for research proposal, “The Inter-Nomological Network for Behavioral Health: Novel Methods Development Application,” 2009-2010. P.I. with Jintae Lee, Zoya Voronovich, Paul Cook, Teresa Sakraida, and Karen Peifer, 2009-2010.

Innovative Learning and Teaching Grant Program, Leeds School of Business, \$12,000 for research proposal, “Undergraduate Research in the Leeds School: Meeting our Strategic Goals,” 2009-2010.

Curriculum Grant from OPIM division, Leeds School of Business, \$9,000 for research proposal, “Undergraduate Research in the Leeds School: An OPIM Curriculum Proposal,” 2009-2010.

Grant from the Leeds School Deans, \$6,000 for “Inter-Nomological Network Project,” 2009.

Grant no. NSF 0829180: National Science Foundation (NSF), \$39,435 for “U.S.-Norway Workshop on Reconciling Supply of and Demand for Research in the Science of Science and Innovation Policy (SciSIP),” 2009. (Co-PI with Roger Pielke, Jr.).

Innovative Learning and Teaching Grant Program, Leeds School of Business, \$12,000 for research proposal, “Why don’t students like my class? Improving the quality of mega-section teaching,” 2008-2009.

Grant no 154-3615: Social Sciences and Humanities Research Council (SSHRC), Canada’s federal funding agency for university-based research – C\$39,800 - for research proposal “Measuring the Semantic Validity of Questionnaire Scales,” 2007 – 2009 (Co-PI).

Webroot - \$7,000 grant-in-aid to carry out research on Spyware adoption, 2007.

Office of Naval Research Grant, 2006. \$10,000 – for research into text analysis for expert search.

SAS, Strategic Alliance for coordinating text mining tools, initial

software grant, 2005-2006. \$35,000.

Velocyscape - \$24,900 classroom software grants, 2006, 2007.

SAS - \$1,250 classroom software grant, 2006.

Webroot, \$4,800 software gifts for classroom, 2004-2007.

Lise and Arnfinn Heje's Fund, Competitive Merit Grant, December 1998.

Editorials

Arnulf, Jan Ketil, Kai R. Larsen, Øyvind L. Martinsen, and Chih How Bong (2015), A new approach to psychological measures in leadership research, *Scandinavian Psychologist*, 2(e4).

<http://dx.doi.org/10.15714/scandpsychol.2.e4>.

Larsen, Kai R., Zoya A. Voronovich, Paul F. Cook, and Leli W. Pedro (2013), Addicted to constructs: science in reverse? *Addiction*, 108(9), p. 1532-1533. Invited Peer-reviewed Editorial [[pdf](#)].

Refereed Conference Proceedings and Presentations

Larsen, K.R., Lukyanenko, R., Müller, R., Storey, V.C., VanderMeer, D., Parsons, J., and Hovorka, D.S. (2020), Validity in Design Science Research, 15th International Conference on Design Science Research in Information Systems and Technology (DESRIST), December 2-4, 2020. Kristiansand, Norway. **Herbert A. Simon Best Design Research Paper Award.**

Larsen, K.R., Gefen, D., Petter, S., and Eargle, D. (in press), Creating Construct Distance Maps with Machine Learning: Stargazing Trust, Association for Information Systems Americas Conference (AMCIS), Virtual conference due to Covid-19. **Best Paper Winner.**

Lukyanenko, Roman and Kai R. Larsen (2019), TREO: Artifact Validity: A Missing Element of IS Rigor, International Conference on Information Systems, Munich, Germany, December 15-18, 2019.

Lukyanenko, R., Larsen, K., Parsons, J., Gefen, D. and Mueller, R. M. (2019) "Toward creating a general ontology for research validity" *International Conference on Conceptual Modeling* (ER

2019), Salvador, Brazil, November 2019, 5 p.

Larsen, K. R., and Lukyanenko, R. (2019). "Building on SAND: Developing a stronger foundation for research validities and reliabilities based on notions from systems analysis and design" in *Keynote at AIS SIGSAND*, New York, NY, United States, June 1-2, 2019, pp. 1-7.

Miller, J., Gefen, D., Larsen, K. R., & Narayanan, V. (2019). *Many People Are Saying: Technology Design Battles in Smartphone Discourse*. Paper presented at the 5th International Conference on Computational Social Science, Amsterdam, Holland.

Miller, Jacob, David Gefen, Kai R. Larsen, and Vadake Narayanan (2019). *Many People Are Saying: Discourse Distance Analysis of Technology Dominance Battles*. Paper presented at the Academy of Management meeting, Boston, MA.

Arnulf, J. K., & Larsen, K. R. (2019). *Too inclusive? How Likert-scale Surveys may Overlook Cross-cultural Differences in Leadership*. Paper presented at the Academy of Management meeting, Boston, MA.

Templeton, Gary, Aaron French, Ben Pace, Kai R. Larsen, Stacie Petter (2018), *Information Technology Firms: Creating Value through Digital Disruption (Panel)*, AMCIS, New Orleans, LA, August 16-18, 2018.

Larsen, Kai R. (2018), *Automated Machine Learning for All Business Majors and Levels*, Workshop, AMCIS, New Orleans, LA, August 16-18, 2018.

Miller, Jacob, Vadake Narayanan, David Gefen, and Kai R. Larsen (2018), *Exploration of a Design Battle Using Latent Semantic Analysis*. Academy of Management Conference, Chicago, IL, August 10-14, 2018.

Endicott, James, Kai R. Larsen, Roman Lukyanenko, and Chih How Bong (2017). *Integrating Scientific Research: Theory and Design of Discovering Similar Constructs*. Presented at 2017 SIGSAND Symposium, Cincinnati, OH.

Martinsen, Ø. L., Arnulf, J. K., Larsen, K. R., Ohlsson, U. H., & Satorra, A. (2017). *Semantic influence on the measurement of*

leadership: A multitrait-multisource perspective. Paper presented at the Academy of Management meeting, Atlanta.

Hovorka, Dirk and Larsen, Kai R., Modes of Theory Integration, Hawaii International Conference on System Sciences (HICSS), January 3-7, 2017, Hawaii.

Li, Jingjing, Larsen, Kai, and Abassi, Ahmed (2017), Unlocking Knowledge Inheritance of Behavioral Research through Ontology Learning: An Ontology-Based Search Engine. Workshop on Information Technology and Systems (WITS), December 15-16, Dublin, Ireland.

Schryen, Guido, Benlian, Alexander, Rowe, Frantz, Pare, Guy, Larsen, Kai, Gregor, Shirley, AIS Professional Development Panel: Standalone Literature Reviews in IS Research: What Can Be Learnt From the Past and Other Fields? International Conference on Information Systems (ICIS), December 12-14, 2016, Dublin, Ireland.

Martinsen, Ø.L., Arnulf, J.K., Larsen, K.R. (2016), Respondent Robotics: Simulating Responses to Likert-Scale Survey Items. Poster presentation at the 28th APS Annual Convention, May 26-29, 2016, Chicago, IL, USA.

Larsen, K.R., Arnulf, J.K., Martinsen, Ø.L. (2016): Leadership in Language: Differential Impact of Media Language on Leadership Survey Responses.” Poster presentation at the 28th APS Annual Convention, May 26-29, 2016, Chicago, IL, USA.

Arnulf, J.K., Larsen, K.R., Martinsen, Ø.L. (2016): The failing measurement of attitudes: How semantic determinants of individual survey responses replace measures of attitude strength. Poster presentation at the 28th APS Annual Convention, May 26-29, 2016, Chicago, IL, USA.

Arnulf, Jan Ketil, Kai R. Larsen, and Øyvind Martinsen, Leadership in language: Differential impact of media language on leadership survey responses, *Academy of Management Conference* (2015). Vancouver, Canada, August 7-11, 2015.

Larsen, Kai R., Susan Michie, Robert West, and Victoria Gurshuny (2015). Developing an Interdisciplinary Taxonomy of Behavior. Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX, April 22-25, 2015.

Larsen, Kai R., Dirk S. Hovorka, Jevin West, James Birt, James R. Pfaff, Trevor W. Chambers, Zebula R. Sampedro, Nick Zager, and Bruce Vanstone, Theory Identity: A Machine-Learning Approach, Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii, January 6th-9th, 2014. [[pdf](#)]. *Best paper nominee*.

Li, Jingjing and Kai R. Larsen, Tracking Behavioral Construct Use through Citations: A Relation Extraction Approach, International Conference on Information Systems (ICIS), Milan, Italy, December 15-18th, 2013. [[pdf](#)].

Arnulf, J. Ketil, Larsen, Kai R., Martinsen, Øyvind, and Bong, Chih How, "Leadership and Motivation in Survey Research: Relationships among Latent Variables may be Semantic Rather than Empirical," IFIP Working Group 8.2 OASIS Workshop, Milan, Italy, December 14th, 2013.

Pedro, L.W., Cook, Paul F., Sakraida, T.J., Larsen, K.R., "Classifying Constructs to Maximize Meaning in Cancer Research," Western Institute of Nursing's 46th Annual Communicating Nursing Research Conference, April 11, 2013.

Hovorka, D. S., Larsen, K.R., Birt, J., and Finnie, G., "A Meta-theoretic Approach to Theory Integration in Information Systems," Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii, January 7th-13th, 2013. [[pdf](#)]. *Best paper nominee*.

Hovorka, D.S., Birt, J., Larsen, K.R., and Finnie, G. (2012) "Visualizing the Core-Periphery Distinction: A Meta-theoretical Approach," 23rd Australasian Conference on Information Systems, Geelong, AU, 3-5 December, 2012.

Hovorka, D.S and Larsen, K.R. (2012) "Localizing and Identifying Theory: A Meta-theoretical Approach," 6th Information Systems Foundations Workshop, Australia National University, Canberra, Sept

Bong, C. H., K. R. Larsen, J. Martin (2012). Large Scale Integration of Antecedents to Decision Making. IEEE Symposium on Computer and Informatics. Penang, Malaysia, IEEE.

Kai R. Larsen and Dirk S. Hovorka, "Developing Interfield

Nomological Nets,” Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii, January 4th-7th, 2012. [[pdf](#)].

Jingjing Li and Kai R. Larsen, “Establishing Nomological Networks for Behavioral Science: a Natural Language Processing Based Approach,” International Conference on Information Systems (ICIS), Shanghai, China, December 4th-7th, 2011. [[pdf](#)].

Kai R. Larsen et al., Panel Participant, Information, Communication, and Knowledge Management Constructs In Health Care Contexts, 7th International Conference on Knowledge Management, October 22-23, 2010.

Kai R. Larsen, “The Human Behavior Project and Federal Funding” Invited presentation at American University, Washington, D.C, 9/23/10.

Kai R. Larsen, “Large Scale Integration of Behavioral Constructs,” Invited presentation to National Institutes of Health’s National Cancer Institute, Bethesda, MD, 9/22/10.

Kai R. Larsen, Jintae Lee, Jingjing Li, and Chih How Bong (2010), A Transdisciplinary Approach to Construct Search and Integration, 16th Americas Conference on Information Systems, Lima, Peru, August 12-15.

Hovorka, D., Larsen, K., and Monarchi, D. (2009), Conceptual Convergences: Positioning Information Systems Among the Business Disciplines, European Conference on Information Systems (ECIS), Verona, Italy, June 8-10.

Hayward, M. L., Fitza, M., and Larsen, K., 2008, The news media as purveyor of public status: Evidence from CEO compensation. SEP *Strategic Management Society Annual Conference*, Köln, Germany.

Kai R. Larsen, Jintae Lee, and Eliot Rich (2008), The Development of a Shared Dataset for Predictive Analysis in the Behavioral Sciences, NSF Sponsored Symposium on Semantic Knowledge Discovery, Organization and Use, New York University, NY, November 14-15th.

Kai R. Larsen, Dorit Nevo, and Eliot Rich (2008), Exploring the Semantic Validity of Questionnaire Scales, Proceedings of the 41st Hawaii International Conference on System Sciences, Waikoloa,

Hawaii, January 7-10, pp. 1-10. [[pdf](#)].

Fitza, M., Larsen, K., and Hayward, M. L., 2007, Claims to Fortune: Does the availability of CEO press attention explain discretionary CEO compensation? *Academy of Management Conference*, BPS Division, Philadelphia, PA, USA

Kevin B. Cohen, Martha Palmer, and Kai R. Larsen (2007), Natural Language Processing Activities in the Southwest (Panel), XXXVI Annual Meeting of the Linguistic Association of the Southwest, Denver, CO, September 21-23.

Dirk S. Hovorka, Kai R. Larsen, and David E. Monarchi (2007), Helping IS Research Reach New Heights through Text Mining Methods, Americas' Conference on Information Systems, Keystone, CO, August 08-12th.

Kai R. Larsen and Dorit Nevo (2007), Manifest Validity: Applying Latent Semantic Analysis to the Language of Questionnaire Items, Western Decision Sciences Institute, Denver, CO, April 3-7.

Kevin Zhao, Kai R. Larsen, and David E. Monarchi (2005), Desperately seeking the connectedness in the IS discipline: Two separate worlds or one community of practice in disguise? IFIP OASIS Workshop, ICIS. Las Vegas, NV. December 11th, 2005.

Hovorka, D.S. and Larsen, K.R. (2005) "Increasing Absorptive Capacity Through Strategic Use of Network Organizations," Proceedings of Americas Conference on Information Systems, Omaha, NE, August 11-14.

Dirk S. Hovorka, Kai R. Larsen, and Edward J. Defranco, "Organizational Information Systems Adoption: A Network Perspective," IFIP TC 8 WG 8.6 International Working Conference, Atlanta, Georgia, USA, 8 - 11 May 2005. Published as chapter in *Business Agility and Information Technology Diffusion*, R. Baskerville, L. Mathiassen, J. Pries-Heje, and J. DeGross (eds). Springer, New York, N.Y. , pp. 91-108.

Kai R. Larsen and David E. Monarchi, A Mathematical Approach to Categorization and Labeling of Qualitative Data: the Latent Semantic Categorization Method, International Symposium on Research Methods, Las Vegas, NV, April 14th, 2004.

Kai R. T. Larsen, Applying a Quantitative Taxonomy to

Qualitative Data: The IS Implementation Research Method, International Symposium on Research Methods, Las Vegas, NV, April 14th, 2004.

Younghwa Lee , Kenneth Kozar, and Kai R. T. Larsen, Testing a New Theory-Based Reasons Approach: Self-Reported Reasons for Engaging in Online Purchases, Accepted for Journal of AIS Theory Development Workshop at International Conference on Information Systems, December 2003.

Hovorka, D.S. and Larsen, K.R. (2003) "Explanation in Information Systems," BIG XII Information Systems Symposium, Ames, IA.

Dirk S. Hovorka, Kai R. T. Larsen, and Edward DeFranco, "Knowledge Flow in Information Systems Implementation: A Comparative Case Study," Minnesota Symposium on Knowledge Management, University of Minnesota, Minneapolis: MN, March 13-14, 2003.

Kai R. T. Larsen, "Development of the Information systems Implementation Research Method," Proceedings of the 36th Annual Hawaii International Conference on System Sciences, Island of Hawaii, January 6-9 2003, pp. 1-9.

Kai R. T. Larsen, "Antecedents of Implementation Success: A Comprehensive Framework," Proceedings of the 34th Annual Hawaii International Conference on System Sciences, Maui, Hawaii, January 3 - 6 2001, pp. 1-10.

Kai R. T. Larsen, "Samarbeid innen informasjonsvitenskapelige fagområder: Videre- og etterutdanning I det neste tiåret," Panel leader, Norsk konferanse for organisasjoners bruk av informasjonsteknologi (NOKOBIT), Sandvika, Norway, June 18-19, 1998.

Kristine Kelly, Kai R. T. Larsen, and Theresa Pardo, "An Innovative Methodology for Conceptualizing and Evaluating Government Information Systems: The CTG Approach," *Proceedings of the Fourth Annual Association for Information Systems Americas Conference*, Baltimore, Maryland, August 14-16, 1998, pp. 120-121.

Kai R. T. Larsen and Peter A. Bloniarz, "A Cost and Performance Analysis of Developing and Maintaining Web Services:

Preliminary Results from an Empirical Analysis of State Agencies," in Walter R. J. Baets (Ed.) *Proceedings of the Sixth European Conference on Information Systems*, Aix-en-Provence, France, June 4-6, 1998, pp. 528-541.

Kai R. T. Larsen and Peter A. Bloniarz, "Studying the Use of a Network Organization for System Development," Abstract in *Proceedings of the Ninth International Conference of the Information Resources Management Association*, Boston, Massachusetts, May 17-20, 1998.

Kai R. T. Larsen and Claire R. McInerney, "A Network Approach to Delivery of Interdisciplinary Information Science Education," in R. Sannes and G. E. Christensen (Eds.) *Proceedings of Norsk konferanse for organisasjoners bruk av informasjonsteknologi (NOKOBIT)*, Sandvika, Norway, June 18-19, 1998, pp. 65-73.

Kai R. T. Larsen, "Temporary Network Organizations: A Study of Effectiveness and Satisfaction in Information Systems Development and Implementation," Sixth European Conference on Information Systems, Doctoral Consortium, Aix-en-Provence, France, June 4-6, 1998.

Kai R. T. Larsen and Claire McInerney, "Using the Cohort Model in Development of Web Sites and Web Policies," in J. N. D. Gupta (Ed), *Proceedings of the Third annual Association for Information Systems Americas Conference*, Indianapolis, Indiana, August 15-17, 1997.

Kai R. T. Larsen and Peter A. Bloniarz, "Evaluating a Cost/Performance Model for Supporting Web Service Investments," Pre-ICIS SIM-Workshop on practice-oriented research, Atlanta, GA., December 14, 1997.

Refereed book chapters, etc.

Jingjing Li, Kai Larsen, Ahmed Abbasi (2016) "TheoryOn: Designing a Construct-based Search Engine to Reduce Information Overload for Behavioral Science Research," in "Tackling Society's Grand Challenges with Design Science," Jeffrey Parsons, Tuure Tuunanen, John Venable, Brian Donnellan, Markus Helfert, Jim Kenneally (Eds), *Lecture Notes in Computer Science*, Springer International Publishing, Switzerland, pp. 212-217

Zoya A. Voronovich and Kai R. Larsen, "Employee Monitoring and Surveillance," 2007, *Encyclopedia of Business Ethics and*

Society, Robert W. Kolb, SAGE Publishing. pp. 688-692.

Zoya A. Voronovich and Kai R. Larsen, "The Chief Privacy Officer," 2007, *Encyclopedia of Business Ethics and Society*, Robert W. Kolb, SAGE Publishing. pp. 299-302.

Claire McInerney and Kai R. T. Larsen, 2000, "Web Development and Management: Using the Cohort Model," in "*Handbook on Electronic Commerce*" edited by M. Shaw, R. Blanning, T. Strader, and A. Whinston, Springer Verlag: New York, NY, pp. 233-247.

Kai R. T. Larsen, 1999b "Virtual Organization as an Interorganizational Concept: Ties to Previous Research," *Virtual-Organization.net Newsletter* Vol. 3, No. 1, p. 19-35 (currently the Electronic Journal of Organizational Virtualness)

**Non-refereed
Papers, Creative
Work, and
Presentations**

Lukyanenko, R., Bong, C.H., Castellanos, A., Endicott, J., Larsen, K., Tremblay, M.C (2017). Framework for Theory-driven Business Research Using Artificial Intelligence. *Edwards School of Business Seminar Series*, University of Saskatchewan, February 3, 2017, Saskatoon, SK CANADA

"Breaking Down Theories: Where to Start?" Invited presentation to the National Institutes of Health, National Cancer Institute's Behavioral Theory Task Force, 3/25/2014

Kai R. Larsen, "The Human Behavior Project: ...or A Step Towards Solving the Behavioral Sciences' Reverse Progress Problem," Invited Presentation at University of Colorado, Denver's School of Nursing. February 5th, 2009.

Kai R. Larsen, "Manifest Validity: The Development of a New Validity Measure," Invited Presentation to *The Science and Applications of Latent Semantic Analysis Group*, Institute of Cognitive Science, Boulder, CO, October 17th, 2006.

Kai R. Larsen, "Frascona Lecture: Research and Teaching: A Match Made in Heaven?" Leeds School Honors Banquet, April 25th, 2006.

Kai R. Larsen, "Using LSA to Predict Relationships in Behavioral Studies: the Case for Meta-analysis," Invited Presentation to *The Science and Applications of Latent Semantic Analysis Group*, Institute of Cognitive Science, Boulder, CO, February 28th, 2006.

Kai R. Larsen, "Latent Semantic Categorization for Continual Analysis of IM data," Presentation at Office of Naval Research Workshop, January 26th, 2006.

Alexander G. Voronovich and Kai R. Larsen, *A New Singular Value Decomposition (SVD) Routine*, 2006

Kai R. Larsen and Kris Keltner, *Celebrity CEO Media Attention System*, 2005

Kai R. Larsen, "MIS is not IS: Intellectual Communities in IS (Using the Latent Categorization Method)," Invited Presentation at Schulich School of Business, York University, Canada, November 18th, 2005.

Kai R. Larsen, "The Privacy and Technology Book: Co-teaching With Students," Invited Plenary Presentation under the heading of *Innovative Methods for Teaching Business Ethics*, AACSB Teaching Business Ethics Conference, Boulder, CO, July 20-22, 2005.

Anne Bliss and Kai R. Larsen (2004), "Meta Analysis of Technology and Privacy in an Advanced Business Course," *IEEE Learning Technology*, v. 6 (4) pp. 11-12

Kai R. T. Larsen, lent voices to "Gunnar" and "Seaman," in *Atlantis: Milo's Return*, [Disney Movies](#), Release Date: May 20th, 2003.

Darryl Green, Mballou Kaba, Kai R. T. Larsen, and Derek Werthmuller, "Models for Action: Technical Results from the APA Prototype," *Center for Technology in Government*, Technical Note 98-10, June 1998.

Kai R. T. Larsen (Ed.), "Models for Action: Data Structures and Object Classes," *Center for Technology in Government*, April 1998.

Ann DiCaterino and Kai R. T. Larsen, "An Introduction to Workflow Management Systems," White Paper, *Center for Technology in Government*, October 1997.

Peter A. Bloniarz and Kai R. T. Larsen, "A Cost/Performance

Model for Initiating World Wide Web Services," Working Paper, *Center for Technology in Government*, June 1997.

Kai R. T. Larsen, "Information Dissemination: WWW Agents," in A. DiCaterino and T. A. Pardo, "The World Wide Web as a Universal Interface to Government Services," *Center For Technology in Government*, December 1996.

Kai R. T. Larsen, Claire McInerney, Corinne Nyquist, Aldo Santos, Donna Silsbee, "Learning Organizations," Rockefeller College, University at Albany, SUNY, May 13, 1996, 47 pp., introduction to the topic disseminated on the Internet. Has been used as material in a number of graduate and undergraduate classes around the world (e.g., University of Oregon, George Washington University, University of Texas - Pan American, University at Albany, SUNY, Nova Southeastern University, Göteborg University, and many others). Reprinted by LeaderValues.com (1998) and American Humane Association (2002).

Non-Academic Articles

Peter A. Bloniarz and Kai R. T. Larsen, "Tool can help business estimate costs of having Web site," *Capital District Business Review*, August 3, 1998.

Kai R. T. Larsen, "Buying...Selling... & Paying Fees ONLINE," *Open Forum*, Vol. 10, No. 5, Month, 1997.

Kai R. T. Larsen, "Is an Intelligent Agent in Your Future?" *Innovations*, Volume 2, Issue 2, June 1996.

Ann DiCaterino, Kai R. T. Larsen, and Henry Woodbury, "Security on the Internet", *Open Forum*, Volume 9, Number 8, May, 1996.

Wrote one of the two documents that were merged into New York State's Technology Policy 96-8, "New York State Use of the Internet," May 3, 1996.

Teaching

Colorado and Norwegian School of Business:

- OPIM 7820 – Advanced Data Analysis and Measurement – Fall 2019.
- OPIM 3200 / MKTG 3201 – Business Analytics – Fall 2019.
- Executive MBA program: GRA 8231 Developing and Managing Digital Organizations: Big Data Analytics with

AutoML, Taught at Norwegian Business School (BI), Summer 2018 and Summer 2019.

- MGMT-4900 – Deep Learning Neural Networks for Natural Language Processing, Spring 2018.
- MGMT 3200 – Business Analytics, Fall 2015 - Fall 2017.
- MGMT 4900 – Advanced Business Analytics, Spring/Fall 2015, Spring/Fall 2016.
- MGMT 3200 – Business Analytics, Fall 2015, Spring 2015 (redesign)
- MSBX 5410 – Business Analytics Lab, Fall 2014.
- OPIM 7820 Doctoral Seminar on Theory Development, Spring 2012
- CESR/MGMT 4825 – Privacy in the Age of Facebook, Fall 2011, Spring 2012, Spring 2013.
- MGMT 4440 (Previously BCOR 4000) – Privacy and Technology, *Fall 2004, Spring 2007, Fall 2007, Fall 2008, Fall 2011, Spring 2012, Spring 2014*
- MGMT 3200 – Business Intelligence, *Fall 2006, Spring 2007, Fall 2007, Fall 2008, Fall 2009, Fall 2010, Fall 2011, Fall 2013, Fall 2014* (previously OPIM 3100 and SYST 3100)
- SYST 7810 – Technical Topics in Information Systems, *Spring 2006*.
- SYST 5030/4030 (previously INFS 5030/4030) – Network Design and Management, *Fall 2000, Spring 2001, Fall 2001, Fall 2002, Fall 2003, Fall 2004, Spring 2006*.
- SYST 3000 (previously INFS 4820) – Systems Thinking, *Fall 2002, Fall 2003, Fall 2004*.
- INFS 7820 – Advanced topics in Information Systems, *Spring 2002*.

Previous:

- MSI 520 – Database Management, *Fall 1998*.
- ISP 666Q – Ethics and the Knowledge Organization, *Spring 1998*.
- INF/ISP/PAD 523 – Unix and Networking, *Fall 1997, Fall 1998*.
- “Systems Development,” Oslo Handelsgymnasium, Oslo, Norway, Spring 1994.
- Guest-lectured approximately 25 classes on topics such as electronic commerce, learning organizations, ethics and the virtual organization, and networking, 1997-2004.
- Small group facilitator for many groups at Center for Technology in Government and the Nelson A. Rockefeller Institute of Government, 1995-1998.

- Teaching assistant in four courses while getting undergraduate degree, topics ranging from Programming languages I (Pascal), Programming languages II (Cobol), Systems Development, to Database Management (Oracle).

Recognition

Professor (10% position), Information Systems, Faculty of Social Sciences, University of Agder, Kristiansand, Norway. 2020-

Research Advisor, the Gallup Organization. 2018-2019

Fellow, Institute of Behavioral Science, University of Colorado, Boulder. 2018-

Courtesy appointment as Associate Professor to Department of Information Science, College of Media, Communication and Information, University of Colorado, Boulder, 2015.

Silicon Flatirons Telecommunications Program (University of Colorado Law School), Faculty Affiliate, 2008 - 2017.

ATLAS Fellow, 2007 – 2017.

Center for Education on Social Responsibility (CESR) Fellow, 2011 – 2014.

CU Faculty Teaching Excellence Program Associate, 2007 - 2009.

Selected for CU LEAP Leadership Workshop, 2004.

Americas Conference on Information Systems, Doctoral Consortium participant, Milwaukee, August 12th, 1999.

Academy of Management Annual Meeting, Participant *Organizational Behavior, Organization & Management Theory, and Organization Development and Change (OB/OMT/ODC)* Joint Doctoral Consortium, San Diego, August 7-10, 1998. Also accepted to OCIS and TIM Doctoral Consortium.

European Conference on Information Systems, Doctoral Consortium participant, Aix-en-Provence, France, June 4-6, 1998.

Graduate Assistantship, Information Science Ph.D. Program, 1995-1997.

Invited participant at Andersen Consulting Seminar on Stochastic Simulation, 1991.

Service

Faculty Director, Leeds M.S. in Business Analytics program. 2020-

Program Committee member. INFORMS Workshop on Data Science (DS 2018). Phoenix, Arizona. November 3, 2018.

Organizer, [CU Leeds Business Analytics Meetup](#). Built community group to over 1,200 members (as of 1/14/2020), 2012-present.

Member, [Faculty Teaching Excellence Program](#) (FTEP) Faculty Board. 2015-2016.

Co-chair, Hawaii Conference on System Sciences (HICSS) [Minitrack on Theory and Information Systems](#). 2014-present.

Director, Leeds School [Faculty Teaching Excellence Program](#) (FTEP) Early Career Faculty Program. 2015-2016.

Member, Search Committee, [Information Science Department](#), College of Media, Communication, and Information. 2014-2015.

Member, Advisory board, [Information Science Department](#), College of Media, Communication, and Information. 2014-2015.

Member, Boulder Faculty Assembly [Administrator Evaluation Committee](#). 2015-2016.

Advisory board, National Science Foundation [Science of Science Policy Web Portal](#). 2014-present.

Chair, [Leeds Business Analytics Conference](#). Built industry conference to 230 attendees, 2012-2014.

Member, [Undergraduate Research Opportunities Program](#) (UROP) Advisory Board, University of Colorado, 2010-2018.

Member, Director Search Committee, Center for Education on social Responsibility. 2014.

Member, Implementation committee, new [College of Media, Communication, and Information](#), Information Science

Department. Supported design of UG, MS, and Ph.D. programs for the new department, 2013-2014.

Steering Committee, [Center for Education on Social Responsibility](#), Leeds School of Business. 2004-2014.

Member, DCPC, Leeds School of Business. 2008-2012

CU Computer Science internal review committee. 2010-2011.

Member, Leeds School Dean Search Committee, Leeds School of Business 2010-2011.

Organizer, CU Text Analysis Community, 2006 - 2008.

Undergraduate Curriculum and Policy Committee, Leeds School of Business (2007).

BFA Teaching Excellence Award Committee, University of Colorado (2007).

Faculty lead, Americas Conference on Information Systems Doctoral Program (2007).

Invited member, Teaching Excellence Committee, Leeds School of Business (2007-2008)

Chair, Frasca Teaching Award Committee (2006)

IS Ph.D. Program Outreach and Application Review (2002-present)

BCOR 2500 Instructor Search Committee (2006)

BCOR 2500 Design Committee (2005-2006)

Member, BFA Libraries Committee. 2004-2005

Member, Boulder Faculty Assembly, elected for two-year period 2003-2005

Discussant, International Conference on Information Systems, 2003.

Member, Leeds School Undergraduate Scholarship Committee

Board member, the Norwegian Computer Society, Special Interest Group on Methods, 1994-1995

Spokesperson for platoon, company, and regiment, Norwegian Army Signal Corps, 1992-1993

**Doctoral
Committees**

Matt Germonprez (Information Systems)
James Segar (Information Systems)
Mark Chun (Information Systems)
Gabe Lee (Information Systems)
Dirk Hovorka (Co-Chair with Kenneth Kozar),
Guowei Jian (Communication)
Van Leptien (Computer Science)
Tomasz Miaskiewicz (Information Systems)
Chih How Bong (Co-Chair with James Martin; Computer Science)
Jingjing Li (Chair, Information Systems)
Jacob Miller (Marketing) Drexel University
Jorge Fresneda Fernandez (Marketing) Drexel University
Michael Turner (Education)