

Publication List

Eero Hyvönen

Papers available online: <https://seco.cs.aalto.fi/u/eahyvone/publications/index.php>

Google Scholar h-index **35**

Number of new publications in 2019: **25**

Ten selected recent publications related to the topic of Digital Humanities:

1. Eero Hyvönen, Petri Leskinen, Minna Tamper, Heikki Rantala, Esko Ikkala, Jouni Tuominen and Kirsi Keravuori: BiographySampo - Publishing and Enriching Biographies on the Semantic Web for Digital Humanities Research. Proceedings of the 16th Extended Semantic Web Conference (ESWC 2019), Springer-Verlag, June, 2019.
2. Eero Hyvönen and Heikki Rantala: Knowledge-based Relation Discovery in Cultural Heritage Knowledge Graphs. Proceedings of Digital Humanities 2019 (DHN2019), long papers, Utrecht 2019.
3. Matias Frosterus, Jouni Tuominen, Sini Pessala and Eero Hyvönen: Linked Open Ontology Cloud - Managing a System of Interlinked Cross-domain Light-weight Ontologies. International Journal of Metadata, Semantics and Ontologies (IJMSO), 2016.
4. Eero Hyvönen: Publishing and Using Linked Data of Cultural Heritage on the Semantic Web. Synthesis Lectures on the Semantic Web: Theory and Technology. Morgan & Claypool, Palo Alto, 2012.
5. Eetu Mäkelä, Kaisa Hypen, Eero Hyvönen: Fiction Literature as Linked Open Data - the BookSampo Dataset. Semantic Web – Interoperability, Usability, Applicability, 2012.
6. Eetu Mäkelä, Eero Hyvönen, Tuukka Ruotsalo: How to deal with massively heterogeneous cultural heritage data – lessons learned in CultureSampo. Semantic Web – Interoperability, Usability, Applicability, Vol 3, No 1, 2012.
7. Eero Hyvönen, Jouni Tuominen, Tomi Kauppinen, Jari Väätäinen: Representing and Utilizing Changing Historical Places as an Ontology Time Series. In: Naveen Ashish and Amit Sheth (eds.): Geospatial Semantics and Semantic Web: Foundations, Algorithms, and Applications, Springer-Verlag, 2011.
8. Tomi Kauppinen, Glauco Mantegari, Panu Paakkanen, Heini Kuittinen, Eero Hyvönen and Stefania Bandini: Determining Relevance of Imprecise Temporal Intervals for Cultural Heritage Information Retrieval. International Journal of Human-Computer Studies, vol. 86, no. 9, pp. 549-560, Elsevier, September, 2010.
9. Eero Hyvönen: Semantic Portals for Cultural Heritage. In: Steffen Staab and Rudi Studer (eds.): Handbook on Ontologies (2nd Edition), Springer-Verlag, 2009.
10. Eero Hyvönen, Eetu Mäkelä, Mirva Salminen, Arttu Valo, Kim Viljanen, Samppa Saarela, Miikka Junnila, and Suvi Kettula: MuseumFinland -- Finnish Museums on the Semantic Web. Journal of Web Semantics, Elsevier, 2005.

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A. Peer Reviewed Scientific Papers

A.1 Journals

1. Toby Burrows, Eero Hyvönen, Lynn Ransom, Hanno Wijsman: Mapping Manuscript Migrations. Digging into Data for the History and Provenance of Medieval and Renaissance Manuscripts. *Manuscript Studies. A Journal of the Schoenberg Institute for Manuscript Studies*, vol. 3, no. 1, pp. 249-252, University of Pennsylvania Press, 2018.
2. Kasper Apajalahti, Eero Hyvönen, Juha Niiranen, Vilho Räisänen: Combining ontological modelling and probabilistic reasoning for network management. *Journal of Ambient Intelligence and Smart Environments*, vol. 9, no. 1, IOS Press, 2017.
3. Eetu Mäkelä, Juha Törnroos, Thea Lindquist and Eero Hyvönen: WWI LOD - An application of CIDOC-CRM to World War 1 Linked Data. *International Journal on Digital Libraries*, 2016.
4. Matias Frosterus, Jouni Tuominen, Sini Pessala and Eero Hyvönen: Linked Open Ontology Cloud - Managing a System of Interlinked Cross-domain Light-weight Ontologies. 2015. *International Journal of Metadata, Semantics and Ontologies (IJMSO)*.
5. Nina Laurenne, Jouni Tuominen, Hannu Saarenmaa and Eero Hyvönen: Making species checklists understandable to machines - a shift from relational databases to ontologies. *Journal of Biomedical Semantics*, vol. 5, no. 40, September, 2014.
6. Thea Lindquist, Michael Dulock, Juha Törnroos, Eero Hyvönen and Eetu Mäkelä: Using Linked Open Data to Enhance Subject Access in Online Primary Sources. 2013. *Cataloging & Classification Quarterly*, Taylor & Francis, 2014.
7. Tuukka Ruotsalo, Krister Haav, Antony Stoyanov, Sylvain Rochee, Elena Fanid, Romina Deliaic, Eetu Mäkelä, Tomi Kauppinen and Eero Hyvönen: Context-aware Information Filtering on the Web of Data: The SMARTMUSEUM system. *Journal of Web Semantic*, 2013.
8. Eetu Mäkelä, Kaisa Hypen, Eero Hyvönen: Fiction Literature as Linked Open Data - the BookSampo Dataset. *Semantic Web – Interoperability, Usability, Applicability*, 2012.
9. Eetu Mäkelä, Eero Hyvönen, Tuukka Ruotsalo: How to deal with massively heterogeneous cultural heritage data – lessons learned in CultureSampo. *Semantic Web – Interoperability, Usability, Applicability*, 2012.
10. Dimitrios A. Koutsomitropoulos, Eero Hyvönen, and Theodore S. Papatheodorou: Semantic Web and Reasoning for Cultural Heritage and Digital Libraries. *Semantic Web – Interoperability, Usability, Applicability*, vol. 3, no. 1, IOS Press, 2012. Editorial.
11. Tomi Kauppinen, Glauco Mantegari, Panu Paakkarinen, Heini Kuitinen, Eero Hyvönen and Stefania Bandini: Determining Relevance of Imprecise Temporal Intervals for Cultural Heritage Information Retrieval. *International Journal of Human-Computer Studies*, vol. 86, no. 9, pp. 549-560, Elsevier, September, 2010.

12. Eero Hyvönen: Preventing Interoperability Problems Instead of Solving Them. *Semantic Web - Interoperability, Usability, Applicability*, Vol. 1, no. 1-2, 2010.
13. Lynda Hardman, Jacco van Ossenbruggen, Lora Aroy and Eero Hyvönen: Using AI to Access and Experience Cultural Heritage. *IEEE Intelligent Systems*, vol. 24, no. 2, IEEE Computer Society, March/April, 2009.
14. Osma Suominen, Eero Hyvönen, Kim Viljanen and Eija Hukka: HealthFinland - a National Semantic Publishing Network and Portal for Health Information. *Journal of Web Semantics*, 2009.
15. Tuomas Palonen, Jouni Hyvönen, Joeli Takala and Eero Hyvönen: Semanttinen Kalevala - Kulttuurisammon taontaa (Semantic Kalevala). *eLore*, Vol 2., Nr. 16, 2009.
16. Onni Valkeapää, Eero Hyvönen and Olli Alm: A Framework for Ontology-based Adaptable Content Creation on the Semantic Web. *Journal of Universal Computer Science*, 2007.
17. Eero Hyvönen, Eetu Mäkelä, Mirva Salminen, Arttu Valo, Kim Viljanen, Samppa Saarela, Miikka Junnila, and Suvi Kettula: MuseumFinland -- Finnish Museums on the Semantic Web. *Journal of Web Semantics*, Elsevier, 2005.
18. E. Hyvönen, S. De Pascale: A New Basis for Spreadsheet Computing, *AI Magazine*, Vol. 21, No. 4., 2000, pp. 83-92.
19. E. Hyvönen, S. De Pascale: Scientific Spreadsheet Computing. *Scientific Data Management*, Vol. 3, Nr. 4, 1999, pp. 26-30.
20. E. Hyvönen, Interval Constraint Solver for Microsoft Excel. *Computational Logic*, Vol. 4, No 1, 1998, pp. 61.
21. J. Pesonen, E. Hyvönen: Interval Approach Challenges Monte Carlo Simulation. *International Journal of Reliable Computing*, Vol. 2, Nr. 2, 1996, 155-160.
22. E. Hyvönen, S. De Pascale: InC++ Library Family for Interval Computations. *International Journal of Reliable Computing*, supplement, Proceedings of Applications of Interval Computations, El Paso, Texas, USA, 1995.
23. E. Hyvönen, S. De Pascale: Interval Constraint Spreadsheets — An Implementation for MS Excel. *International Journal of Reliable Computing*, supplement, Proceedings of Applications of Interval Computations, El Paso, Texas, USA, 1995.
24. E. Hyvönen: Spreadsheets Based on Interval Constraint Satisfaction. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing* 8, No. 1, 1994, pp. 27-34.
25. E. Hyvönen: Constraint Reasoning Based on Interval Arithmetic. The Tolerance Propagation Approach. *Artificial Intelligence* 58, 1992, pp. 71-112.
26. E. Hyvönen: Applying a Logical Interpretation of Graph Grammars to Natural Language Parsing and Understanding. *Synthese* 66, No.1, 1986, pp. 177-190.

A.2 Book Chapters

27. Arttu Oksanen, Jouni Tuominen, Eetu Mäkelä, Minna Tamper, Aki Hietanen and Eero Hyvönen: Law and Justice as a Linked Open Data Service. Knowledge of the

- Law in the Big Data Age (G. Peruginelli and S. Faro (eds.)), *Frontiers in Artificial Intelligence and Applications*, vol. 317, IOS Press, 2019. ISBN 978-1-61499-984-3 (print); ISBN 978-1-61499-985-0 (online).
28. Howard Hotson, Thomas Wallnig, Jouni Tuominen, Eetu Mäkelä, and Eero Hyvönen: *People. Reassembling the Republic of Letters in the Digital Age* (H. Hotson and T. Wallnig (eds.)), pp. 119-136, Göttingen University Press, 2019.
 29. Eero Hyvönen, Ruth Ahnert, Sebastian E. Ahnert, Jouni Tuominen, Eetu Mäkelä, Miranda Lewis and Gertjan Filarski: *Reconciling metadata. Reassembling the Republic of Letters in the Digital Age* (H. Hotson and T. Wallnig (eds.)), pp. 223-235, Göttingen University Press, 2019.
 30. Howard Hotson and Eero Hyvönen: *Topics. Reassembling the Republic of Letters in the Digital Age* (H. Hotson and T. Wallnig (eds.)), pp. 137-148, Göttingen University Press, 2019.
 31. Anna Wessman, Suzie Thomas, Ville Rohiola, Mikko Koho, Esko Ikkala, Jouni Tuominen, Eero Hyvönen, Jutta Kuitunen, Helinä Parviainen, and Marianna Niukkanen: *Citizen Science in Archaeology: Developing a Collaborative Web Service for Archaeological Finds in Finland. Transforming Heritage Practice in the 21st Century: Contributions from Community Archaeology* (John Jameson and Sergiu Musteață (eds.)), Springer, 2019.
 32. Suzie Thomas, Anna Wessman, Esko Ikkala, Jouni Tuominen, Mikko Koho and Eero Hyvönen: *(co-)Creating a Sustainable Platform for Finland's Archaeological Chance Finds: The Story of SuALT. Digital Heritage and Archaeology in Practice* (Ethan Watrall and Lynne Goldstein (eds.)), University Press of Florida, October, 2018. Submitted.
 33. Eero Hyvönen: *Cultural Heritage Linked Data on the Semantic Web: Three Case Studies Using the Sampo Model*. Invited presentation, VIII Encounter of Documentation Centres of Contemporary Art: Open linked data and integral management of information in cultural centres, 2016. Artium, Vitoria-Gasteiz, Spain. Translations in Spanish and Basque published in 2019.
 34. Lyndon Nixon, Stamatia Dasiopoulou, Jean-Pierre Evain, Eero Hyvönen, Yiannis Kompatsiaris, Raphael Troncy: Chapter VII. *Multimedia, Broadcasting and eCulture*. In: John Dominique, James A. Hendler (eds.): *Handbook of Semantic Web Technologies*. Springer-Verlag, 2011.
 35. Tomi Kauppinen, Panu Paakkarinen, Eetu Mäkelä, Heini Kuittinen, Jari Väätäinen and Eero Hyvönen: *Geospatio-temporal Semantic Web for Cultural Heritage*. In: *Digital Culture and E-Tourism: Technologies, Applications and Management Approaches*, IGI Press, 2011.
 36. Eero Hyvönen, Jouni Tuominen, Tomi Kauppinen, Jari Väätäinen: *Representing and Utilizing Changing Historical Places as an Ontology Time Series*. In: Naveen Ashish and Amit Sheth (eds.): *Geospatial Semantics and Semantic Web: Foundations, Algorithms, and Applications*, Springer-Verlag, 2011.
 37. Eero Hyvönen: *Semantic Developing and Using a National Cross-domain Semantic Web Infra-structure*. In: Phillip Sheu, Heather Yu, C. V. Ramamoorthy, Arvind K. Joshi, and Lotfi A. Zadeh (Eds.): *Semantic Computing*. IEEE Press / Wiley, 2010.

38. Eero Hyvönen: Semantic Portals for Cultural Heritage. In: Steffen Staab and Rudi Studer (eds.): Handbook on Ontologies (2nd Edition), Springer-Verlag, April, 2009.
39. Eero Hyvönen, Tuukka Ruotsalo, Thomas Häggström, Mirva Salminen, Miikka Junnila, Mikko Virkkilä, Mikko Haaramo, Eetu Mäkelä, Tomi Kauppinen and Kim Viljanen: CultureSampo-Finnish Culture on the Semantic Web: The Vision and First Results. In: Klaus Robering (ed.): Information Technology for the Virtual Museum, LIT Verlag, Berlin, 2008.
40. Miikka Junnila, Eero Hyvönen, Mirva Salminen: Describing and Linking Cultural Semantic Content by Using Situations and Actions. In: Klaus Robering (ed.): Information Technology for the Virtual Museum, LIT Verlag, Berlin, 2008.
41. Antti Vehviläinen, Eero Hyvönen, Olli Alm: A semi-automatic semantic annotation and authoring tool for a library help desk service. In: Jörg Rech, Eric Ras, Björn Decker (eds.): Emerging Technologies for Semantic Work Environments: Techniques, Methods, and Applications. IGI Global, Hershey, PA, 2008.
42. Tomi Kauppinen and Eero Hyvönen: Modeling and Reasoning about Changes in Ontology Time Series. Ontologies: A Handbook of Principles, Concepts and Applications in Information Systems. In: Rajiv Kishore, Ram Ramesh and Raj Sharman (eds): Integrated Series in Information Systems, pp. 319-338, Springer-Verlag, New York (NY), 2007.
43. Markus Holli and Eero Hyvönen: Modeling Uncertainty in Semantic Web Taxonomies. In: Zhongmin Ma (ed.). Soft Computing in Ontologies and Semantic Web, Springer-Verlag, 2006.
44. E. Hyvönen: Interval input and output. In: Krämer, W., von Gudenberg, J. (eds.): *Scientific Computing, Validated Numerics, Interval Computations*, Kluwer Academic, 2002, pp. 41-51.
45. E. Hyvönen, S. De Pascale: Shared Computations for Efficient Interval Function Evaluation. In: G. Alefeld, E. Frommer (eds.): *Scientific Computing, Computer Arithmetic and Validated Numerics*, Akademie-Verlag, Berlin, Germany, 1996.
46. E. Hyvönen, S. De Pascale, Lehtola, A.: Interval Constraint Programming in C++, In: Mayoh, B., Tuygu, E., Penjam, J. (Eds.): *Constraint Programming* NATO ASI Series, Vol. F131, Springer-Verlag, Berlin, 350-366, 1994.
47. E. Hyvönen: Constraint Reasoning Based on Interval Arithmetic, In: Freuder, E., Mackworth, A., (Eds.), *Constraint-Based Reasoning*, MIT Press, Cambridge, USA, 1994.
48. E. Hyvönen, S. De Pascale: Interval Computations on the Spreadsheet. In: B. Kearfott, V. Kreinovich (eds.), *Applications of Interval Computations*, Kluwer, New York, 1996, 169-210.

A.3 Conferences

2019

49. Eero Hyvönen, Minna Tamper, Esko Ikkala, Sami Sarsa, Arttu Oksanen, Jouni Tuominen, and Aki Hietanen: LawSampo: A Semantic Portal on a Linked Open Data Service for Finnish Legislation and Case Law. September, 2019. Submitted
50. Sami Sarsa and Eero Hyvönen: Searching Case Law Judgements by Using Other Judgements as a Query. September, 2019. Submitted.
51. Arttu Oksanen, Minna Tamper, Jouni Tuominen, Aki Hietanen and Eero Hyvönen: Anoppi: A Pseudonymization Service for Finnish Court Documents. September, 2019. Submitted.
52. Minna Tamper, Arttu oksanen, Jouni Tuominen, Aki Hietanen and Eero Hyvönen: Automatic Annotation Service: Utilizing a Named Entity Linking Tool in Legal Domain. September, 2019. Submitted.
53. Eero Hyvönen, Petri Leskinen, Minna Tamper, Heikki Rantala, Esko Ikkala, Jouni Tuominen and Kirsi Keravuori: Linked Data – A Paradigm Change for Publishing and Using Biography Collections on the Semantic Web. Proceedings of the Third Conference on Biographical Data in a Digital World (BD 2019), Varna, Bulgaria, September, 2019.
54. Mikko Koho, Esko Ikkala and Eero Hyvönen: Reassembling the Lives of Finnish Prisoners of the Second World War on the Semantic Web. Proceedings of the Third Conference on Biographical Data in a Digital World (BD 2019), Varna, Bulgaria, September, 2019.
55. Mikko Koho, Lia Gasbarra, Jouni Tuominen, Heikki Rantala, Ilkka Jokipii and Eero Hyvönen: AMMO Ontology of Finnish Historical Occupations. Proceedings of the The First International Workshop on Open Data and Ontologies for Cultural Heritage (ODOCH 19), vol. 2375, pp. 91-96, CEUR Workshop Proceedings, Rome, Italy, June, 2019.
56. Lia Gasbarra, Mikko Koho, Ilkka Jokipii, Heikki Rantala and Eero Hyvönen: An Ontology of Finnish Historical Occupations. Proceedings of the 16th Extended Semantic Web Conference (ESWC 2019), Posters & demonstrations, Springer, Portoroz, Slovenia, June, 2019.
57. Eero Hyvönen, Petri Leskinen, Minna Tamper, Heikki Rantala, Esko Ikkala, Jouni Tuominen and Kirsi Keravuori: BiographySampo - Publishing and Enriching Biographies on the Semantic Web for Digital Humanities Research. Proceedings of the 16th Extended Semantic Web Conference (ESWC 2019), Springer-Verlag, June, 2019.
58. Petri Leskinen and Eero Hyvönen: Extracting Genealogical Networks of Linked Data from Biographical Texts. Proceedings of the 16th Extended Semantic Web Conference (ESWC 2019), Posters & demonstrations, Springer-Verlag, forthcoming, 2019.
59. Minna Tamper, Eero Hyvönen and Petri Leskinen: Visualizing and Analyzing Networks of Named Entities in Biographical Dictionaries for Digital Humanities Research. Proceedings of the 20th International Conference on Computational

- Linguistics and Intelligent Text Processing (CICling 2019). Springer-Verlag, April, 2019, Springer-Verlag, April, 2019. Accepted.
60. Anna Wessman, Suzie Thomas, Ville Rohiola, Jutta Kuitunen, Esko Ikkala, Jouni Tuominen, Mikko Koho and Eero Hyvönen: A Citizen Science Approach to Archaeology: Finnish Archaeological Finds Recording Linked Open Database (SuALT). The Fourth Digital Humanities in the Nordic Countries 2019 (DHN2019), CEUR Workshop Proceedings, Copenhagen, Denmark, March, 2019.
 61. Eero Hyvönen, Esko Ikkala, Jouni Tuominen, Mikko Koho, Toby Burrows, Lynn Ransom and Hanno Wijsman: A Linked Open Data Service and Portal for Pre-modern Manuscript Research. The Fourth Digital Humanities in the Nordic Countries 2019 (DHN2019), CEUR Workshop Proceedings, Copenhagen, Denmark, March, 2019.
 62. Eero Hyvönen and Heikki Rantala: Knowledge-based Relation Discovery in Cultural Heritage Knowledge Graphs. The Fourth Digital Humanities in the Nordic Countries 2019 (DHN2019), CEUR Workshop Proceedings, Copenhagen, Denmark, March, 2019.
 63. Petri Leskinen and Eero Hyvönen: Extracting Genealogical Networks of Linked Data from Biographical Texts. March, 2019. Submitted paper.
 64. Eero Hyvönen, Petri Leskinen, Minna Tamper, Heikki Rantala, Esko Ikkala, Jouni Tuominen and Kirsi Keravuori: Demonstrating BiographySampo in Solving Digital Humanities Research Problems in Biography and Prosopography. The Fourth Digital Humanities in the Nordic Countries 2019 (DHN2019), CEUR Workshop Proceedings, Copenhagen, Denmark, March, 2019.

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65. Petri Leskinen, Eero Hyvönen and Jouni Tuominen: Analyzing and Visualizing Prosopographical Linked Data Based on Biographies. Proceedings of the Second Conference on Biographical Data in a Digital World 2017 (BD2017), vol. 2119, pp. 39-44, CEUR Workshop Proceedings, Linz, Austria, 2018.
66. Jouni Tuominen, Eero Hyvönen and Petri Leskinen: Bio CRM: A Data Model for Representing Biographical Data for Prosopographical Research. Proceedings of the Second Conference on Biographical Data in a Digital World 2017 (BD2017), vol. 2119, pp. 59-66, CEUR Workshop Proceedings, Linz, Austria, 2018.
67. Toby Burrows, Eero Hyvönen, Lynn Ransom, Hanno Wijsman: Mapping Manuscript Migrations. Digging into Data for the History and Provenance of Medieval and Renaissance Manuscripts. Manuscript Studies. A Journal of the Schoenberg Institute for Manuscript Studies, vol. 3, no. 1, pp. 249-252, University of Pennsylvania Press, 2018.
68. Eero Hyvönen, Petri Leskinen, Minna Tamper, Heikki Rantala, Esko Ikkala, Jouni Tuominen and Kirsi Keravuori: Biografiasammon tekoäly yhdistää ja rikastaa suomalaiset elämäkerrat semanttisessa webissä. Aalto-yliopisto, Semanttisen laskennan tutkimusryhmä (SeCo), Nov, 2018.
69. Minna Tamper, Petri Leskinen, Kasper Apajalahti and Eero Hyvönen: Using Biographical Texts as Linked Data for Prosopographical Research and Applications. Digital Heritage. Progress in Cultural Heritage: Documentation,

- Preservation, and Protection. 7th International Conference, EuroMed 2018, Nicosia, Cyprus, Springer-Verlag, November, 2018.
70. Goki Miyakita, Petri Leskinen and Eero Hyvönen: U.S. Congress Prosopograher - A Tool for Prosopographical Research of Legislators. Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection. 7th International Conference, EuroMed 2018, Nicosia, Cyprus, Springer-Verlag, November, 2018.
 71. Esko Ikkala, Jouni Tuominen, Jaakko Raunamaa, Tiina Aalto, Terhi Ainiala, Helinä Uusitalo and Eero Hyvönen: NameSampo: A Linked Open Data Infrastructure and Workbench for Toponomastic Research. Proceedings of the 2nd ACM SIGSPATIAL Workshop on Geospatial Humanities, GeoHumanities 18, pp. 2:1-2:9, ACM, Seattle, WA, USA, November, 2018.
 72. Mikko Koho, Erkki Heino, Arttu Oksanen and Eero Hyvönen: Toffee - Semantic Media Search Using Topic Modeling and Relevance Feedback. Proceedings of the ISWC 2018 Posters & Demonstrations, Industry and Blue Sky Ideas Tracks, CEUR Workshop Proceedings, Monterey, California, USA, October, 2018. Vol 2180.
 73. Arttu Oksanen, Jouni Tuominen, Eetu Mäkelä, Minna Tamper, Aki Hietanen, and Eero Hyvönen: Semantic Finlex: Finnish Legislation and Case Law as a Linked Open Data Service. Proceedings of Law via the Internet 2018 (LVI 2018), Knowledge of the Law in the Big Data Age, abstracts, Florence, Italy, October, 2018.
 74. Mikko Koho, Esko Ikkala and Eero Hyvönen: How to Maintain a Linked Data Cloud in a Deployed Semantic Portal. Proceedings of the ISWC 2018 Posters & Demonstrations, Industry and Blue Sky Ideas Tracks, CEUR Workshop Proceedings, Monterey, California, USA, October, 2018. Vol 2180.
 75. Petri Leskinen, Goki Miyakita, Mikko Koho and Eero Hyvönen: Combining Faceted Search with Data-analytic Visualizations on Top of a SPARQL Endpoint. Proceedings of VOILA 2018, Monterey, California. CEUR Workshop Proceedings, Vol. 2187, October, 2018.
 76. Minna Tamper, Arttu Oksanen, Jouni Tuominen, Eero Hyvönen and Aki Hietanen: Anonymization Service for Finnish Case Law: Opening Data without Sacrificing Data Protection and Privacy of Citizens. Proceedings of Law via the Internet 2018 (LVI 2018), Knowledge of the Law in the Big Data Age, abstracts, Florence, Italy, October, 2018.
 77. Mikko Koho, Esko Ikkala, Erkki Heino and Eero Hyvönen: Maintaining a Linked Data Cloud and Data Service for Second World War History. Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection. 7th International Conference, EuroMed 2018, Nicosia, Cyprus, vol. 11196, Springer-Verlag, October-November, 2018.
 78. Kasper Apajalahti, Ermias Andargie Walelgne, Jukka Manner, Eero Hyvönen: Correlation-Based Feature Mapping of Crowdsourced LTE Data. 2018 IEEE 29th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC), Bologna, Italy, September, 2018.
 79. Esko Ikkala, Eero Hyvönen and Jouni Tuominen: An Ontology of World War II Places for Linking and Enriching Heterogeneous Historical Data Sources.

- Abstracts, 17th International Conference of Historical Geographers (ICHG 2018), No. 194, Warsaw, Poland, July, 2018.
80. Esko Ikkala, Eero Hyvönen and Jouni Tuominen: A Crowdsourced Old Map Service for Geocoding, Publishing, and Using Historical Places in Linked Data Applications. Abstracts, 17th International Conference of Historical Geographers (ICHG 2018), No. 195, Warsaw, Poland, July, 2018.
 81. Minna Tamper, Arttu Oksanen, Eero Hyvönen: Schema.org - hakukonejättien semanttinen web (Schema.org - The Semantic Web of Search Engine Giants). Tietojohtaminen, April, 2018.
 82. Eero Hyvönen: Sotasampo - talvi- ja jatkosota semanttisessa webissä (WarSampo - Finnish WW2 on the Semantic Web). Tietoasiantuntija, April, 2018.
 83. Eero Hyvönen, Petri Leskinen, Minna Tamper, Jouni Tuominen and Kirsi Keravuori: Semantic National Biography of Finland. Proceedings of the Digital Humanities in the Nordic Countries 3rd Conference (DHN 2018), pp. 372-385, CEUR Workshop Proceedings, Vol-2084, Helsinki, Finland, March, 2018.
 84. Jouni Tuominen, Eetu Mäkelä, Eero Hyvönen, Arno Bosse, Miranda Lewis and Howard Hotson: Reassembling the Republic of Letters - A Linked Data Approach. Proceedings of the Digital Humanities in the Nordic Countries 3rd Conference (DHN 2018), pp. 76-88, CEUR Workshop Proceedings, Helsinki, Finland, March, 2018.
 85. Esko Ikkala, Eero Hyvönen and Jouni Tuominen: Geocoding, Publishing, and Using Historical Places and Old Maps in Linked Data Applications. Proceedings of the Digital Humanities in the Nordic Countries 3rd Conference, pp. 228-234, Helsinki, Finland, March, 2018.
 86. Eero Hyvönen: Semanttinen web. Linkitetyn avoimen datan käsikirja (Semantic Web. Handbook of Linked Open Data). pp. 271, Gaudeamus, Helsinki, Finland, March, 2018.
 87. Mikko Koho, Erkki Heino, Esko Ikkala, Eero Hyvönen, Reijo Nikkilä, Tiia Moilanen, Katri Miettinen and Pertti Suominen: Integrating Prisoners of War Dataset into the WarSampo Linked Data Infrastructure. Proceedings of the Digital Humanities in the Nordic Countries 3rd Conference (DHN 2018), CEUR Workshop Proceedings, Helsinki, Finland, March, 2018. Vol 2084.
 88. Suzie Thomas, Anna Wessman, Jouni Tuominen, Mikko Koho, Esko Ikkala, Eero Hyvönen, Ville Rohiola and Ulla Salmela: SuALT: Collaborative Research Infrastructure for Archaeological Finds and Public Engagement through Linked Open Data. Digital Humanities in the Nordic Countries 3rd Conference (DHN 2018), Book of Abstracts, Helsinki, Finland, March, 2018.
 89. Goki Miyakita, Petri Leskinen and Eero Hyvönen: Using Linked Data for Prosopographical Research of Historical Persons: Case U.S. Congress Legislators. ISWC 2018 Posters & Demonstrations, Industry and Blue Sky Ideas Tracks, CEUR Workshop Proceedings, Vol 2180, Monterey, California, 2018...

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90. Minna Tamper, Petri Leskinen, Esko Ikkala, Arttu Oksanen, Eetu Mäkelä, Erkki Heino, Jouni Tuominen, Mikko Koho and Eero Hyvönen: AATOS – a

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G. Theses

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