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APPENDIX

# Publication List

**Eero Hyvönen**

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

Google Scholar h-index **37**

Number of new publications in 2020: **24**

Total number of items: **499**

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## A. Peer Reviewed Scientific Papers

### A.1 Journals

1. Esko Ikkala, Eero Hyvönen, Heikki Rantala and Mikko Koho: Sampo-UI: A Full Stack JavaScript Framework for Developing Semantic Portal User Interfaces. *Semantic Web – Interoperability, Usability, Applicability*, vol. 12, no. 2, 2021.
2. Eero Hyvönen, Heikki Rantala, Esko Ikkala, Mikko Koho, Jouni Tuominen, Babatunde Anafi, Suzie Thomas, Anna Wessman, Eljas Oksanen, Ville Rohiola, Jutta Kuitunen and Minna Ryyppö: Citizen Science Archaeological Finds on the Semantic Web: The FindSampo Framework. *Antiquity, A Review of World Archaeology*, Jan, 2021. Accepted.
3. Mikko Koho, Esko Ikkala, Petri Leskinen, Minna Tamper, Jouni Tuominen and Eero Hyvönen: WarSampo Knowledge Graph: Finland in the Second World War as Linked Open Data. *Semantic Web – Interoperability, Usability, Applicability*, vol. 12, no. 2, pp. 265-278, Jan, 2021.
4. Antonis Bikakis, Eero Hyvönen, Stéphane Jean, Béatrice Markhoff and Alessandro Mosca: Editorial: Special Issue on Semantic Web for Cultural Heritage. *Semantic Web – Interoperability, Usability, Applicability*, vol. 12, no. 2, 2021.
5. Mikko Koho, Toby Burrows, Eero Hyvönen, Esko Ikkala, Kevin Page, Lynn Ransom, Jouni Tuominen, Doug Emery, Mitch Fraas, Benjamin Heller, David Lewis, Andrew Morrison, Guillaume Porte, Emma Thomson, Athanasios Velios and Hanno Wijsman: Harmonizing and Publishing Heterogeneous Pre-Modern Manuscript Metadata as Linked Open Data. 2021. Submitted.
6. Toby Burrows, Douglas Emery, Arthur Mitchell Fraas, Eero Hyvönen, Esko Ikkala, Mikko Koho, David Lewis, Andrew Morrison, Kevin Page, Lynn Ransom, Emma Cawlfeld Thomson, Jouni Tuominen, Athanasios Velios, and Hanno Wijsman: Mapping Manuscript Migrations Knowledge Graph: Data for Tracing the History and Provenance of Medieval and Renaissance Manuscripts. *Journal of Open Humanities Data*, vol. 6, pp. 3, June, 2020.
7. Eero Hyvönen: Using the Semantic Web in Digital Humanities: Shift from Data Publishing to Data-analysis and Serendipitous Knowledge Discovery. *Semantic Web*, vol. 11, no. 1, pp. 187-193, 2020.
8. Lora Aroyo, Franciska de Jong, Eero Hyvönen and Sara Tonelli: Web Semantics for Digital Humanities (editorial for a special issue). *Web Semantics: Science, Services and Agents on the World Wide Web*, Elsevier, May, 2020.
9. 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.
10. 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.

11. Eetu Mäkelä, Juha Törnroos, Thea Lindquist and Eero Hyvönen: WW1LOD - An application of CIDOC-CRM to World War 1 Linked Data. *International Journal on Digital Libraries*, 2016.
12. 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)*.
13. 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.
14. 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.
15. 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.
16. Eetu Mäkelä, Kaisa Hypen, Eero Hyvönen: Fiction Literature as Linked Open Data - the BookSampo Dataset. *Semantic Web – Interoperability, Usability, Applicability*, 2012.
17. 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.
18. 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.
19. Tomi Kauppinen, Glauco Mantegari, Panu Paakkarinen, 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.
20. Eero Hyvönen: Preventing Interoperability Problems Instead of Solving Them. *Semantic Web - Interoperability, Usability, Applicability*, Vol. 1, no. 1-2, 2010.
21. 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.
22. 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.
23. Tuomas Palonen, Jouni Hyvönen, Joeli Takala and Eero Hyvönen: Semanttinen Kalevala - Kulttuurisammon taontaa (Semantic Kalevala). *eLore*, Vol 2., Nr. 16, 2009.

24. 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.
25. 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.
26. E. Hyvönen, S. De Pascale: A New Basis for Spreadsheet Computing, *AI Magazine*, Vol. 21, No. 4., 2000, pp. 83-92.
27. E. Hyvönen, S. De Pascale: Scientific Spreadsheet Computing. *Scientific Data Management*, Vol. 3, Nr. 4, 1999, pp. 26-30.
28. E. Hyvönen, Interval Constraint Solver for Microsoft Excel. *Computational Logic*, Vol. 4, No 1, 1998, pp. 61.
29. J. Pesonen, E. Hyvönen: Interval Approach Challenges Monte Carlo Simulation. *International Journal of Reliable Computing*, Vol. 2, Nr. 2, 1996, 155-160.
30. 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.
31. 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.
32. E. Hyvönen: Spreadsheets Based on Interval Constraint Satisfaction. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing* 8, No. 1, 1994, pp. 27-34.
33. E. Hyvönen: Constraint Reasoning Based on Interval Arithmetic. The Tolerance Propagation Approach. *Artificial Intelligence* 58, 1992, pp. 71-112.
34. 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

35. 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).
36. 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.
37. 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.

38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. Eero Hyvönen: Semantic Portals for Cultural Heritage. In: Steffen Staab and Rudi Studer (eds.): Handbook on Ontologies (2nd Edition), Springer-Verlag, April, 2009.
47. 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.

48. 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.
49. 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.
50. 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.
51. Markus Holi and Eero Hyvönen: Modeling Uncertainty in Semantic Web Taxonomies. In: Zhongmin Ma (ed.). *Soft Computing in Ontologies and Semantic Web*, Springer-Verlag, 2006.
52. 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.
53. 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.
54. 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.
55. E. Hyvönen: Constraint Reasoning Based on Interval Arithmetic, In: Freuder, E., Mackworth, A., (Eds.), *Constraint-Based Reasoning*, MIT Press, Cambridge, USA, 1994.
56. 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

#### 2021

57. Petri Leskinen and Eero Hyvönen: Reconciling and Using Historical Person Registers as Linked Open Data in the AcademySampo Knowledge Graph. 2021. Submitted for peer review.

#### 2020

58. Minna Tamper, Arttu Oksanen, Jouni Tuominen, Aki Hietanen and Eero Hyvönen: Automatic Annotation Service APPI: Named Entity Linking in Legal Domain. *The Semantic Web: ESWC 2020 Satellite Events* (Harth, Andreas, Presutti, Valentina,

- Troncy, Raphaël, Acosta, Maribel, Polleres, Axel, Fernández, Javier D., Xavier Parreira, Josiane, Hartig, Olaf, Hose, Katja and Cochez, Michael (eds.), *Lecture Notes in Computer Science*, vol. 12124, pp. 208-213, Springer-Verlag, 2020.
59. Eero Hyvönen, Minna Tamper, Esko Ikkala, Sami Sarsa, Arttu Oksanen, Jouni Tuominen and Aki Hietanen: Publishing and Using Legislation and Case Law as Linked Open Data on the Semantic Web. *The Semantic Web: ESWC 2020 Satellite Events* (Harth, Andreas, Presutti, Valentina, Troncy, Raphaël, Acosta, Maribel, Polleres, Axel, Fernández, Javier D., Xavier Parreira, Josiane, Hartig, Olaf, Hose, Katja and Cochez, Michael (eds.)), *Lecture Notes in Computer Science*, vol. 12124, pp. 110-114, Springer-Verlag, 2020. [bib pdf link](#)
  60. Sami Sarsa and Eero Hyvönen: Searching Case Law Judgements by Using Other Judgements as a Query. *Artificial Intelligence and Natural Language. 9th Conference, AINL 2020, Helsinki, Finland, October 7–9, 2020* (Filchenkov A., Kauttonen J. and Pivovarov L. (eds.)), pp. 145-157, Springer-Verlag, 2020.
  61. Matti La Mela: Tracing the Emergence of Nordic Allemansrätten through Digitised Parliamentary Sources. *Digital histories: Emergent approaches within the new digital history* (Fridlund, Mats, Oiva, Mila and Paju, Petri (eds.)), pp. 181-197, Helsinki University Press, 2020.
  62. Heikki Rantala, Esko Ikkala, Ilkka Jokipii, Mikko Koho, Jouni Tuominen and Eero Hyvönen: WarVictimSampo 1914–1922: A Semantic Portal and Linked Data Service for Digital Humanities Research on War History. *The Semantic Web: ESWC 2020 Satellite Events* (Harth, Andreas, Presutti, Valentina, Troncy, Raphaël, Acosta, Maribel, Polleres, Axel, Fernández, Javier D., Xavier Parreira, Josiane, Hartig, Olaf, Hose, Katja and Cochez, Michael (eds.)), *Lecture Notes in Computer Science*, vol. 12124, pp. 191-196, Springer-Verlag, 2020.
  63. Babatunde Anafi, Mikko Koho and Eero Hyvönen: Temporal Visualization and Data Analysis of Archaeological Finds: Case FindSampo. *Conference on Cultural Heritage and New Technologies (CHNT 25)*, Museum Stadt Archäologie Wien, Nov, 2020. Posters
  64. Heikki Rantala, Ilkka Jokipii, Mikko Koho, Esko Ikkala, Jouni Tuominen and Eero Hyvönen: Building a Linked Open Data Portal of War Victims in Finland 1914–1922. *DHN 2020 Digital Humanities in the Nordic Countries. Proceedings of the Digital Humanities in the Nordic Countries 5th Conference*, pp. 310-317, CEUR Workshop Proceedings, vol. 2612, Riga, Latvia, October, 2020.
  65. Eero Hyvönen, Petri Leskinen and Jouni Tuominen: From the Republic of Letters to LetterSampo – Historical Letters on the Semantic Web. Oct, 2020. Submitted.
  66. Chris A. Sula, Kalani Craig, Michelle Dalmu, Alex Humphreys, Eero Hyvönen, Hannah L. Jacobs, Humphrey Keah, Joseph Kiplangat, Thea Lindquist, Nicholas Weber, Scott B. Weingart: Infrastructures of Digital Humanities. *83rd Association for Information Science and Technology (ASIS&T) Annual Meeting, proceedings*, Association for Information Science and Technology, Silver Spring, Maryland, USA, October, 2020.
  67. Mikko Koho, Petri Leskinen and Eero Hyvönen: Integrating Historical Person Registers as Linked Open Data in the WarSampo Knowledge Graph. *Semantic Systems. In the Era of Knowledge Graphs. SEMANTiCS 2020* (Eva Blomqvist,



- Paul Groth, Victor de Boer, Tassilo Pellegrini, Mehwish Alam, Tobias Käfer, Peter Kieseberg, Sabrina Kirrane, Albert Meroño-Peñuela and Harshvardhan J. Pandit (eds.), *Lecture Notes in Computer Science*, vol. 12378, pp. 118-126, Springer, Cham, Amsterdam, The Netherlands, October, 2020.
68. Eero Hyvönen: Linked Open Data Infrastructure for Digital Humanities in Finland. *DHN 2020 Digital Humanities in the Nordic Countries. Proceedings of the Digital Humanities in the Nordic Countries 5th Conference*, pp. 254-259, CEUR Workshop Proceedings, vol. 2612, Riga, Latvia, October, 2020.
  69. Petri Leskinen and Eero Hyvönen: Linked Open Data Service about Historical Finnish Academic People in 1640–1899. *DHN 2020 Digital Humanities in the Nordic Countries. Proceedings of the Digital Humanities in the Nordic Countries 5th Conference*, pp. 284-292, CEUR Workshop Proceedings, vol. 2612, Riga, Latvia, October, 2020.
  70. Toby Burrows, Antoine Brix, Douglas Emery, Arthur Mitchell Fraas, Eero Hyvönen, Esko Ikkala, Mikko Koho, David Lewis, Synnove Myking, Lynn Ransom, Emma Cawfield Thomson, Jouni Tuominen, Hanno Wijsman and Pip Wilcox: Linked Open Data Vocabularies and Identifiers for Medieval Studies. *DHN 2020 Digital Humanities in the Nordic Countries. Proceedings of the Digital Humanities in the Nordic Countries 5th Conference*, pp. 211-218, CEUR Workshop Proceedings, vol. 2612, Riga, Latvia, October, 2020.
  71. Eero Hyvönen: Sampo Model and Semantic Portals for Digital Humanities on the Semantic Web. *DHN 2020 Digital Humanities in the Nordic Countries. Proceedings of the Digital Humanities in the Nordic Countries 5th Conference*, pp. 373-378, CEUR Workshop Proceedings, vol. 2612, Riga, Latvia, October, 2020.
  72. Heikki Rantala, Eero Hyvönen and Esko Ikkala: Creating the HISTO Ontology of Finnish History Events. *Data for History 2020. Modelling Time, Places, Agents.*, August, 2020. Accepted, conference postponed to 2021.
  73. Toby Burrows, Douglas Emery, Mitch Fraas, Eero Hyvönen, Esko Ikkala, Mikko Koho, David Lewis, Andrew Morrison, Kevin Page, Lynn Ransom, Emma Thomson, Jouni Tuominen, Athanasios Velios and Hanno Wijsman: Mapping Manuscript Migrations: Digging into Data for Researching the History and Provenance of Medieval and Renaissance Manuscripts: White Paper. August, 2020.
  74. Toby Burrows, Antoine Brix, Douglas Emery, Arthur Mitchell Fraas, Eero Hyvönen, Esko Ikkala, Mikko Koho, David Lewis, Synnove Myking, Lynn Ransom, Emma Cawfield Thomson, Jouni Tuominen, Hanno Wijsman and Pip Wilcox: Modelling the History of Medieval and Renaissance Manuscripts for the Mapping Manuscript Migrations Portal. *Proceedings: Data for History 2020. Modelling Time, Places, Agents.*, Berlin, August, 2020. Accepted, conference postponed to 2021.
  75. Pejam Hassanzadeh, Eero Hyvönen, Esko Ikkala, Jouni Tuominen, Suzie Thomas, Anna Wessman and Ville Rohiola: FindSampo Platform for Reporting and Studying Archaeological Finds Using Citizen Science. *3rd Workshop on Humanities in the Semantic Web (WHiSe 2020)*, pp. 33-40, CEUR Workshop Proceedings, vol. 2695, June, 2020.

76. Minna Tamper, Petri Leskinen, Jouni Tuominen and Eero Hyvönen: Modeling and Publishing Finnish Person Names as a Linked Open Data Ontology. 3rd Workshop on Humanities in the Semantic Web (WHiSe 2020), pp. 3-14, CEUR Workshop Proceedings, vol. 2695, June, 2020.
77. Eero Hyvönen: Building and Using a National Linked Open Data Infrastructure for Digital Humanities: The Finnish Approach. Proceedings of the conference: Data for History 2020. Modelling Time, Places, Agents, Berlin, 2020. Accepted, conference postponed to 2021.
78. Eero Hyvönen: Semantic Sampo Portals for Digital Humanities Based on a National Linked Open Data Infrastructure. Proceedings of the Digital Humanities in the Nordic Countries. 5th Conference, CEUR Workshop Proceedings, 2020. Vol-2612.

### 2019

79. 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
80. Sami Sarsa and Eero Hyvönen: Searching Case Law Judgements by Using Other Judgements as a Query. September, 2019. Submitted.
81. Arttu Oksanen, Minna Tamper, Jouni Tuominen, Aki Hietanen and Eero Hyvönen: Anoppi: A Pseudonymization Service for Finnish Court Documents. September, 2019. Submitted.
82. 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.
83. 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.
84. 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.
85. 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.
86. 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.
87. 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.
88. 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.
  89. 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.
  90. 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.
  91. 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.
  92. 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.
  93. Petri Leskinen and Eero Hyvönen: Extracting Genealogical Networks of Linked Data from Biographical Texts. March, 2019. Submitted paper.
  94. 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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