

Jouni Tuominen

Publications are available on my homepage: <http://seco.cs.aalto.fi/u/jwtuomin/>

A Peer-reviewed scientific articles

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.

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.)), pp. 337-352, Springer, July, 2019.

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. *The Semantic Web. ESWC 2019* (Pascal Hitzler, Miriam Fernández, Krzysztof Janowicz, Amrapali Zaveri, Alasdair J.G. Gray, Vanessa Lopez, Armin Haller and Karl Hammar (eds.)), pp. 574-589, Springer-Verlag, June, 2019.

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.

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.

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.

Eero Hyvönen, Esko Ikkala, Jouni Tuominen, Mikko Koho, Toby Burrows, Lynn Ransom and Hanno Wijzman: 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.

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).

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Mikko Koho, Eero Hyvönen, Erkki Heino, Jouni Tuominen, Petri Leskinen and Eetu Mäkelä: Linked Death – Representing, Publishing, and Using Second World War Death Records as Linked Open Data. *The Semantic Web: ESWC 2017 Satellite Events* (Eva Blomqvist, Katja Hose, Heiko Paulheim, Agnieszka Ławrynowicz, Fabio Ciravegna and Olaf Hartig (eds.)), pp. 369-383, Springer-Verlag, 2017.

Jouni Tuominen, Eero Hyvönen and Petri Leskinen: Bio CRM: A Data Model for Representing Biographical Data for Prosopographical Research. *Biographical Data in a Digital World 2017 (BD2017)*, Linz, Austria, November, 2017.

Petri Leskinen, Eero Hyvönen and Jouni Tuominen: Analyzing and Visualizing Prosopographical Linked Data Based on Short Biographies. *Biographical Data in a Digital World 2017 (BD2017)*, Linz, Austria, November, 2017.

Petri Leskinen, Mikko Koho, Erkki Heino, Minna Tamper, Esko Ikkala, Jouni Tuominen, Eetu Mäkelä and Eero Hyvönen: Modeling and Using an Actor Ontology of Second World War Military Units and Personnel. *Proceedings of the 16th International Semantic Web Conference (ISWC 2017)* (Claudia d Amato, Miriam

Fernandez, Valentina Tamma, Freddy Lecue, Philippe Cudré-Mauroux, Juan Sequeda, Christoph Lange and Jeff Heflin (eds.), pp. 280-296, Springer-Verlag, Vienna, Austria, October, 2017.

Petri Leskinen, Jouni Tuominen, Erkki Heino and Eero Hyvönen: An Ontology and Data Infrastructure for Publishing and Using Biographical Linked Data. *Proceedings of the Workshop on Humanities in the Semantic Web (WHiSe II)*, CEUR Workshop Proceedings, Vienna, Austria, October, 2017.

Eero Hyvönen, Petri Leskinen, Erkki Heino, Jouni Tuominen and Laura Sirola: Reassembling and Enriching the Life Stories in Printed Biographical Registers: Norssi High School Alumni on the Semantic Web. *Proceedings, Language, Technology and Knowledge (LDK 2017)*, pp. 113-119, Springer-Verlag, Galway, Ireland, June, 2017.

Minna Tamper, Petri Leskinen, Esko Ikkala, Arttu Oksanen, Eetu Mäkelä, Erkki Heino, Jouni Tuominen, Mikko Koho and Eero Hyvönen: AATOS – a Configurable Tool for Automatic Annotation. *Proceedings, Language, Technology and Knowledge (LDK 2017)*, pp. 276-289, Springer-Verlag, Galway, Ireland, June, 2017.

Erkki Heino, Minna Tamper, Eetu Mäkelä, Petri Leskinen, Esko Ikkala, Jouni Tuominen, Mikko Koho and Eero Hyvönen: Named Entity Linking in a Complex Domain: Case Second World War History. *Proceedings, Language, Technology and Knowledge (LDK 2017)*, pp. 120-133, Springer-Verlag, Galway, Ireland, June, 2017.

Esko Ikkala, Jouni Tuominen and Eero Hyvönen: Contextualizing Historical Places in a Gazetteer by Using Historical Maps and Linked Data. *Proceedings of Digital Humanities 2016, short papers*, pp. 573-577, Kraków, Poland, July, 2016.

Eero Hyvönen, Erkki Heino, Petri Leskinen, Esko Ikkala, Mikko Koho, Minna Tamper, Jouni Tuominen and Eetu Mäkelä: Publishing Second World War History as Linked Data Events on the Semantic Web. *Proceedings of Digital Humanities 2016, short papers*, pp. 571-573, Kraków, Poland, July, 2016.

Mikko Koho, Eero Hyvönen, Erkki Heino, Jouni Tuominen, Petri Leskinen and Eetu Mäkelä: Linked Death - Representing, Publishing, and Using Second World War Death Records as Linked Open Data. *The Semantic Web: ESWC 2016 Satellite Events* (Harald Sack, Giuseppe Rizzo, Nadine Steinmetz, Dunja Mladenčić, Sören Auer and Christoph Lange (eds.)), Springer-Verlag, June, 2016.

Mikko Koho, Eero Hyvönen, Erkki Heino, Jouni Tuominen, Petri Leskinen and Eetu Mäkelä: Linked Death - Representing, Publishing, and Using Second World War Death Records as Linked Open Data. *Proceedings of the 1st Workshop on Humanities in the Semantic Web (WHiSe)*, CEUR Workshop Proceedings, Heraklion, Crete, Greece, May, 2016. Vol 1608.

Eero Hyvönen, Esko Ikkala and Jouni Tuominen: Linked Data Brokering Service for Historical Places and Maps. *Proceedings of the 1st Workshop on Humanities in the Semantic Web (WHiSe)*, pp. 39-52, CEUR Workshop Proceedings, Heraklion, Crete, Greece, May, 2016. Vol 1608.

Eero Hyvönen, Erkki Heino, Petri Leskinen, Esko Ikkala, Mikko Koho, Minna Tamper, Jouni Tuominen and Eetu Mäkelä: WarSampo Data Service and Semantic Portal for Publishing Linked Open Data about the Second World War History. *The Semantic Web – Latest Advances and New Domains (ESWC 2016)* (Harald Sack, Eva Blomqvist, Mathieu d Aquin, Chiara Ghidini, Simone Paolo Ponzetto and Christoph Lange (eds.)), Springer-Verlag, May, 2016.

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*, vol. 10, no. 3, pp. 189-201, 2015.

Eero Hyvönen, Jouni Tuominen, Eetu Mäkelä, Jérémie Dutruit, Kasper Apajalahti, Erkki Heino, Petri Leskinen and Esko Ikkala: Second World War on the Semantic Web: The WarSampo Project and Semantic Portal. *Proceedings of the ISWC 2015 Posters & Demonstrations Track*, CEUR-WS Proceedings, Bethlehem, PA, USA, October, 2015. Vol 1486.

Eero Hyvönen, Jouni Tuominen, Esko Ikkala and Eetu Mäkelä: Ontology Services Based on Crowdsourcing: Case National Gazetteer of Historical Places. *Proceedings of the ISWC 2015 Posters & Demonstrations Track*, CEUR-WS Proceedings, Bethlehem, PA, USA, October, 2015. Vol 1486.

Matias Frosterus, Jouni Tuominen and Eero Hyvönen: Facilitating Re-use of Legal Data in Applications--Finnish Law as a Linked Open Data Service. *Proceedings of the 27th International Conference on Legal Knowledge and Information Systems (JURIX 2014)*, IOS Press, Krakow, Poland, December, 2014.

Osma Suominen, Sini Pessala, Jouni Tuominen, Mikko Lappalainen, Susanna Nykyri, Henri Ylikotila, Matias Frosterus and Eero Hyvönen: Deploying National Ontology Services: From ONKI to Finto. *Proceedings of the ISWC 2014 industry track*, Riva del Garda, Italy, October, 2014.

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.

Eero Hyvönen, Jouni Tuominen, Miika Alonen and Eetu Mäkelä: Linked Data Finland: A 7-star Model and Platform for Publishing and Re-using Linked Datasets. *Proceedings of ESWC 2014 Demo and Poster Papers*, Springer-Verlag, May, 2014.

Eero Hyvönen, Miika Alonen, Jouni Tuominen and Eetu Mäkelä: Linked Data Finland: Towards a 7-star Service Platform for Linked Datasets. *The First Annual KnowEscape Conference – KnowEscape 2013*, Espoo, Finland, November, 2013.

Jouni Tuominen, Nina Laurenne, Mikko Koho and Eero Hyvönen: The Birds of the World Ontology AVIO. *Poster Proceedings of ESWC 2013*, Montpellier, France, May, 2013.

Matias Frosterus, Jouni Tuominen, Sini Pessala, Katri Seppälä and Eero Hyvönen: Linked Open Ontology Cloud KOKO—Managing a System of Cross-domain Lightweight Ontologies. *Poster Proceedings of ESWC 2013*, Montpellier, France, May, 2013.

Matias Frosterus, Jouni Tuominen, Mika Wahlroos and Eero Hyvönen: The Finnish Law as a Linked Data Service. *Poster Proceedings of ESWC 2013*, Montpellier, France, May, 2013.

Jouni Tuominen, Nina Laurenne and Eero Hyvönen: Publishing and Using Plant Names as an Ontology Service. *Proceedings of the First International Workshop on Semantics for Biodiversity (S4BioDiv)*, ESWC 2013, CEUR Workshop Proceedings, <http://ceur-ws.org/>, Montpellier, France, May, 2013.

Eero Hyvönen, Miika Alonen, Mikko Koho and Jouni Tuominen: BirdWatch--Supporting Citizen Scientists for Better Linked Data Quality for Biodiversity Management. *Proceedings of the First International Workshop on Semantics for Biodiversity (S4BioDiv)*, ESWC 2013, CEUR Workshop Proceedings, <http://ceur-ws.org/>, Montpellier, France, May, 2013.

Jouni Tuominen, Nina Laurenne and Eero Hyvönen: An Ontology Model and Service for Managing Scientific and Common Names of Plants. *Poster and Demo proceedings of the 2nd Joint International Semantic Technology Conference (JIST2012)*, Nara, Japan, December, 2012.

Osma Suominen, Alex Johansson, Henri Ylikotila, Jouni Tuominen and Eero Hyvönen: Vocabulary Services Based on SPARQL Endpoints: ONKI Light on SPARQL. *Poster proceedings of the 18th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2012)*, Galway, Ireland, October, 2012.

Kim Viljanen, Jouni Tuominen, Eetu Mäkelä and Eero Hyvönen: Normalized Access to Ontology Repositories. *Proceedings of the Sixth International Conference on Semantic Computing (IEEE ICSC 2012)*, IEEE Press, Palermo, Italy, September, 2012.

Sini Pessala, Katri Seppälä, Osma Suominen, Matias Frosterus, Jouni Tuominen and Eero Hyvönen: MUTU: An Analysis Tool for Maintaining a System of Hierarchically Linked Ontologies. *Workshop on Ontologies come of Age in the Semantic Web (OCAS 2011), the International Semantic Web Conference ISWC 2011*, Bonn, Germany, October, 2011.

Jouni Tuominen, Nina Laurenne and Eero Hyvönen: Biological Names and Taxonomies on the Semantic Web – Managing the Change in Scientific Conception. *Proceedings of the 8th Extended Semantic Web Conference (ESWC 2011)*, Heraklion, Greece, June, 2011. Springer-Verlag.

Eero Hyvönen, Jouni Tuominen, Tomi Kauppinen, Jari Väätäinen: Representing and Utilizing Changing Historical Places as an Ontology Time Series. *Geospatial Semantics and Semantic Web: Foundations, Algorithms, and Applications* (Naveen Ashish and Amit Sheth (eds.)), Springer-Verlag, 2011.

Nina Laurenne, Jouni Tuominen, Mikko Koho and Eero Hyvönen: Modeling and Publishing Biological Names and Classifications on the Semantic Web. *TDWG 2010 Annual Conference of the Taxonomic Databases Working Group*, Woods Hole, Massachusetts, USA, September, 2010.

Jouni Tuominen, Matias Frosterus, Nina Laurenne and Eero Hyvönen: Publishing Biological Classifications as SKOS Vocabulary Services on the Semantic Web. *TDWG 2010 Annual Conference of the Taxonomic Databases Working Group*, Woods Hole, Massachusetts, USA, September, 2010.

Nina Laurenne, Jouni Tuominen, Mikko Koho and Eero Hyvönen: Taxon Meta-Ontology TaxMeOn – Towards an Ontology Model for Managing Changing Scientific Names in Time. *TDWG 2010 Annual Conference of the Taxonomic Databases Working Group*, Woods Hole, Massachusetts, USA, September, 2010.

Jouni Tuominen, Mikko Salonoja, Kim Viljanen and Eero Hyvönen: A User Interface for Ontology Repositories. *Workshop on Ontology Repositories and Editors for the Semantic Web (ORES 2010), the Extended Semantic Web Conference ESWC 2010*, CEUR Workshop Proceedings, <http://ceur-ws.org/>, Heraklion, Greece, June, 2010.

Kim Viljanen, Jouni Tuominen, Mikko Salonoja and Eero Hyvönen: Global Access to Distributed Ontology Repositories. *Poster Papers, the Extended Semantic Web Conference ESWC 2010*, Heraklion, Greece, June, 2010.

Kim Viljanen, Jouni Tuominen, Mikko Salonoja and Eero Hyvönen: Linked Open Ontology Services. *Workshop on Ontology Repositories and Editors for the Semantic Web (ORES 2010), the Extended Semantic Web Conference ESWC 2010*, CEUR Workshop Proceedings, <http://ceur-ws.org/>, Heraklion, Greece, June, 2010.

Kim Viljanen, Jouni Tuominen and Eero Hyvönen: Ontology Libraries for Production Use: The Finnish Ontology Library Service ONKI. *Proceedings of the 6th European Semantic Web Conference (ESWC 2009)*, Heraklion, Greece, May 31 - June 4, 2009. Springer-Verlag.

Jouni Tuominen, Matias Frosterus, Kim Viljanen and Eero Hyvönen: ONKI SKOS Server for Publishing and Utilizing SKOS Vocabularies and Ontologies as Services. *Proceedings of the 6th European Semantic Web Conference (ESWC 2009)*, Heraklion, Greece, May 31 - June 4, 2009. Springer-Verlag.

Eero Hyvönen, Eetu Mäkelä, Tomi Kauppinen, Olli Alm, Jussi Kurki, Tuukka Ruotsalo, Katri Seppälä, Joeli Takala, Kimmo Puputti, Heini Kuittinen, Kim Viljanen, Jouni Tuominen, Tuomas Palonen, Matias Frosterus, Reetta Sinkkilä, Panu Paakkari, Joonas Laitio, Katariina Nyberg: CultureSampo – A National Publication System of Cultural Heritage on the Semantic Web 2.0. *Proceedings of the 6th European Semantic Web Conference (ESWC2009)*, Heraklion, Greece, May 31 - June 4, 2009. Springer-Verlag.

Jouni Tuominen, Tomi Kauppinen, Kim Viljanen and Eero Hyvönen: Ontology-Based Query Expansion Widget for Information Retrieval. *Proceedings of the 5th Workshop on Scripting and Development for the Semantic Web (SFSW 2009), 6th European Semantic Web Conference (ESWC 2009)*, CEUR Workshop Proceedings, <http://ceur-ws.org/>, Heraklion, Greece, May 31 - June 4, 2009.

Eero Hyvönen, Eetu Mäkelä, Tomi Kauppinen, Olli Alm, Jussi Kurki, Tuukka Ruotsalo, Katri Seppälä, Joeli Takala, Kimmo Puputti, Heini Kuittinen, Kim Viljanen, Jouni Tuominen, Tuomas Palonen, Matias Frosterus, Reetta Sinkkilä, Panu Paakkari, Joonas Laitio, Katariina Nyberg: CultureSampo – Finnish Culture on the Semantic Web 2.0. Thematic Perspectives for the End-user. *Proceedings, Museums and the Web 2009, Indianapolis, USA, April 15-18, 2009.*

Eero Hyvönen, Eetu Mäkelä, Tomi Kauppinen, Olli Alm, Jussi Kurki, Tuukka Ruotsalo, Katri Seppälä, Joeli Takala, Kimmo Puputti, Heini Kuittinen, Kim Viljanen, Jouni Tuominen, Tuomas Palonen, Matias Frosterus, Reetta Sinkkilä, Panu Paakkari, Joonas Laitio, Katariina Nyberg: CultureSampo – Finnish Cultural Heritage Collections on the Semantic Web 2.0. *Proceedings of the 1st International Symposium on Digital Humanities for Japanese Arts and Cultures (DH-JAC-2009), Ritsumeikan University, Kyoto, Japan, March, 2009.*

Tomi Kauppinen, Heini Kuittinen, Jouni Tuominen, Katri Seppälä and Eero Hyvönen: Extending an Ontology by Analyzing Annotation Co-occurrences in a Semantic Cultural Heritage Portal. *Proceedings of the ASWC 2008 Workshop on Collective Intelligence (ASWC-CI 2008) organized as a part of the 3rd Asian Semantic Web Conference (ASWC 2008), Bangkok, Thailand, February 2-5, 2009.*

Jouni Tuominen, Matias Frosterus, Kim Viljanen and Eero Hyvönen: ONKI-SKOS – Publishing and Utilizing Thesauri in the Semantic Web. *AI and Machine Consciousness - Proceedings of the 13th Finnish Artificial Intelligence Conference STeP 2008, Espoo, Finland, August 20-22, 2008.*

Kim Viljanen, Jouni Tuominen and Eero Hyvönen: Publishing and Using Ontologies as Mash-Up Services. *Proceedings of the 4th Workshop on Scripting for the Semantic Web (SFSW2008), 5th European Semantic Web Conference 2008 (ESWC 2008), CEUR Workshop Proceedings, <http://ceur-ws.org/>, Tenerife, Spain, June 1-5, 2008.*

Eero Hyvönen, Kim Viljanen, Jouni Tuominen and Katri Seppälä: Building a National Semantic Web Ontology and Ontology Service Infrastructure – The FinnONTO Approach. *Proceedings of the European Semantic Web Conference ESWC 2008, Springer, Tenerife, Spain, June 1-5, 2008.*

Kim Viljanen, Jouni Tuominen, Teppo Käsälä and Eero Hyvönen: Distributed Semantic Content Creation and Publication for Cultural Heritage Legacy Systems. *Proceedings of the 2008 IEEE International Conference on Distributed Human-Machine Systems, IEEE Press, Athens, Greece, March 9-12, 2008.*

Kim Viljanen, Jouni Tuominen, Eero Hyvönen, Eetu Mäkelä and Osma Suominen: Extending Content Management Systems with Ontological Annotation Capabilities. *Poster proceedings of the 6th International Semantic Web Conference, Busan, Korea, November 11-15, 2007.*

Eetu Mäkelä, Kim Viljanen, Olli Alm, Jouni Tuominen, Onni Valkeapää, Tomi Kauppinen, Jussi Kurki, Reetta Sinkkilä, Teppo Käsälä, Robin Lindroos, Osma Suominen, Tuukka Ruotsalo and Eero Hyvönen: Enabling the Semantic Web with Ready-to-Use Web Widgets. *Proceedings of the First Industrial Results of Semantic Technologies Workshop, ISWC2007, November 11, 2007.*

Eero Hyvönen, Kim Viljanen, Eetu Mäkelä, Tomi Kauppinen, Tuukka Ruotsalo, Onni Valkeapää, Katri Seppälä, Osma Suominen, Olli Alm, Robin Lindroos, Teppo Käsälä, Riikka Henriksson, Matias Frosterus, Jouni Tuominen, Reetta Sinkkilä and Jussi Kurki: Elements of a National Semantic Web Infrastructure – Case Study Finland on the Semantic Web (Invited paper). *Proceedings of the First International Semantic Computing Conference (IEEE ICSC 2007), Irvine, California, September, 2007. IEEE Press.*

Kim Viljanen, Eero Hyvönen, Eetu Mäkelä, Osma Suominen and Jouni Tuominen: Mash-up Ontology Services for the Semantic Web. Demo track at the European Semantic Web Conference ESWC 2007, Innsbruck, Austria, June 4-5, 2007.

B Non-refereed scientific articles

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.

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.

Eero Hyvönen, Arttu Oksanen, Jouni Tuominen, Eetu Mäkelä and Minna Tamper: Semanttinen Finlex. Laki ja oikeus avoimena linkitettyinä datana. (Semantic Finlex. Law and Justice as Linked Open Data.). *Oikeuslehti*, vol. 46, no. 1, March, 2017.

Jouni Tuominen, Kim Viljanen and Eero Hyvönen: Ontologiapalvelut semanttisessa webissä, *Tietojenkäsittelytiede*, no. 1, pp. 17-36, Tietojenkäsittelytieteen Seura ry, 4, 2012.

Nina Laurenne, Jouni Tuominen, Katharina Schleidt and Eero Hyvönen: Observing observations - an ontology-based approach for improving the reliability of biodiversity data. *TDWG 2011 Annual Conference of the Taxonomic Databases Working Group*, New Orleans, Louisiana, USA, October, 2011. Poster abstract.

Nina Laurenne, Jouni Tuominen and Eero Hyvönen: Radiation of beetles into cyberspace - two case studies of modelling taxonomic information. *TDWG 2011 Annual Conference of the Taxonomic Databases Working Group*, New Orleans, Louisiana, USA, October, 2011. Poster abstract.

Nina Laurenne, Jouni Tuominen, Arto Mertaniemi, Hannu Saarenmaa and Eero Hyvönen: LSID versus HTTP URI: Two approaches and e-infrastructures for managing information about taxon names. *EIM 2011 Conference*, Santa Barbara, California, USA, September, 2011. Poster abstract.

Tuukka Ruotsalo, Katri Seppälä, Kim Viljanen, Eetu Mäkelä, Jussi Kurki, Olli Alm, Tomi Kauppinen, Jouni Tuominen, Matias Frosterus, Reetta Sinkkilä and Eero Hyvönen: Ontology-based Approach for Interoperability of Digital Collections. *Signum*, no. 5, 2008.

C Scientific books (monographs)

Eetu Mäkelä, Mikko Tolonen and Jouni Tuominen (eds.): Proceedings of the Digital Humanities in the Nordic Countries 3rd Conference (DHN 2018). *CEUR Workshop Proceedings*, vol. 2084, Helsinki, Finland, March, 2018.

D Publications intended for professional communities

Eero Hyvönen, Erkki Heino, Petri Leskinen, Esko Ikkala, Mikko Koho, Minna Tamper, Jouni Tuominen and Eetu Mäkelä: WarSampo: Publishing and Using Linked Open Data about the Second World War. *EuropeanaTech Insight*, no. 7, Europeana, September, 2017.

Eero Hyvönen, Kim Viljanen, Jouni Tuominen, Katri Seppälä, Tomi Kauppinen, Matias Frosterus, Reetta Sinkkilä, Jussi Kurki, Olli Alm, Eetu Mäkelä and Joonas Laitio: National Ontology Infrastructure Service ONKI. Oct 1, 2008.

Eero Hyvönen, Eetu Mäkelä, Tomi Kauppinen, Olli Alm, Jussi Kurki, Tuukka Ruotsalo, Katri Seppälä Kim Viljanen, Jouni Tuominen, Tuomas Palonen, Matias Frosterus, Reetta Sinkkilä, Panu Paakkarinen, Joonas Laitio, Katariina Nyberg: CultureSampo – A Collective Memory of Finnish Cultural Heritage on the Semantic Web 2.0. *Semantic Computing Research Group, Helsinki University of Technology and University of Helsinki*, Sept 29, 2008.

G Theses

Jouni Tuominen: Ontology Services for Knowledge Organization Systems. Dissertation, Aalto University, School of Science, Espoo, June, 2017.

Jouni Tuominen: Helppokytkäntäiset ontologiapalvelut semanttisessa webissä. MSc Thesis, University of Helsinki, Department of Computer Science, May, 2010.

I Audiovisual material, ICT software

NameSampo – Portal for toponomastic research, <http://nimisampo.fi>, 2019. (With research group.) Tens of thousands of users on the web.

BiographySampo – Finnish Biographies on the Semantic Web, <http://biografiasampo.fi>, 2018– (With research group.) Tens of thousands of users on the web.

Norssi High School Alumni Portal, <http://www.norssit.fi/semweb/>, 2017. (With research group.)

LinDa – Linked Data School, <http://linda.seco.cs.aalto.fi>, 2016. (With research group.)

Recon – Reconciliation tool, <https://github.com/jiemakel/recon>, 2016–. (With research group.)

Semantic Finlex – Finnish law and justice as Linked Open Data, Open Finland Challenge 2015 – Public Services & Active Citizens Track, <http://data.finlex.fi>, 2016–. (With research group.)

WarSampo – War history portal, LODLAM Technical Challenge 2017 – Open Data Prize, <http://sotasampo.fi>, 2015–. (With research group.) 230 000 users on the web in 2018.

Hipla.fi – Finnish Ontology Service for Historical Places and Maps – Mobile service and portal prototype, <http://hipla.fi>, 2015. (With research group.)

Federated SPARQL Search Widget – JavaScript library, <https://github.com/SemanticComputing/federated-sparql-search-widget>, 2015–. (With research group.)

LDF.fi – Data publication platform, Apps4Finland 2014 – Open Science and Research challenge prize & Data Refinement challenge prize, <http://ldf.fi>, 2014–. (With research group.)

BirdWatch – Mobile service prototype, <http://demo.seco.tkk.fi/birdwatch/>, 2013. (With research group.)

SmartMuseum – Museum portal, World Summit Award Mobile 2010 – m-Tourism & Culture, <http://www.smartmuseum.eu>, 2010. (With research group.)

DataFinland – Data portal, Apps4Finland 2010 – Community Application Track, 1st prize, Finnish Society of Web Democracy, <https://www.seco.tkk.fi/linkedata/datasuomi/>, 2010. (With research group.)

CultureSampo – Museum portal, <http://www.kulttuurisampo.fi>, 2008. (With research group.)

National Ontology Service ONKI – National service prototype in wide living lab use in Finland, <http://onki.fi>, 2008–. (With research group.)