

## **Special Issue of the JWS on Semantic Statistics**

The Journal of Web Semantics seeks submissions for a special issue on *Semantic Statistics* to be edited by Jane Hunter, Armin Haller and Franck Cotton.

Topics of interest include the following:

- The application of Semantic Web technologies and standards to the formalization, publishing, analysis and linking of statistical and census datasets and metadata;
- The application of statistical methods to Linked Data;
- Vocabularies and ontologies to support the publishing, discovery, linking and re-use of statistical metadata (code lists and classifications, descriptive metadata, provenance and quality information, etc.);
- Facilitating the re-use of national census datasets via RDF/linked open data approaches using vocabularies and ontologies (e.g. RDF data cubes);
- Using statistical approaches (e.g. R, SAS, Stata) to derive semantic reasoning, inferencing and classification rules;
- Representing and inferring the quality of linked data using statistically rigorous methods;
- Comparisons, analytics, alignment and enrichment of statistical (census) data and associated concepts using semantics;
- Improving statistical matching and linkage methods using semantic information;
- Methods for performing data reconciliation, ontology matching, instance matching on statistical data;
- Representing, correlating and analysing Linked Statistical data.

## **Guest Editors**

- Jane Hunter, The University of Queensland, [j.hunter@uq.edu.au](mailto:j.hunter@uq.edu.au)
- Armin Haller, Australian National University (ANU), [armin.haller@anu.edu.au](mailto:armin.haller@anu.edu.au)
- Franck Cotton, INSEE, France, [franck.cotton@insee.fr](mailto:franck.cotton@insee.fr)

## **Important Dates**

- Call for papers: 15 August 2016
- Submission deadline: 15 January, 2016
- Author notification: 15 March 2017
- Final version: 1 May, 2017
- Publication: 3rd quarter, 2017

## **Submission guidelines**

The Journal of Web Semantics solicits original scientific contributions of high quality. Following the overall mission of the journal, we emphasize the publication of papers that combine theories, methods and experiments from different subject areas in order to deliver innovative semantic methods and applications. The publication of large-scale experiments and their analysis is also encouraged to clearly illustrate scenarios and methods that introduce semantics into existing Web interfaces, contents and services.

Submission of your manuscript is welcome provided that it, or any translation of it, has not been copyrighted or published and is not being submitted for publication elsewhere. Manuscripts should be prepared for publication in accordance with instructions given in the JWS guide for authors. The submission and review process will be carried out using Elsevier's Web-based EES system. Upon acceptance of an article, the author(s) will be asked to transfer copyright of the article to the publisher. This transfer will ensure the widest possible dissemination of information. Elsevier's liberal preprint policy permits authors and their institutions to host preprints on their web sites. Preprints of the articles will be made freely accessible on the JWS preprint server. Final copies of accepted publications will appear in print and at Elsevier's archival online server.