

Call for Papers

1st Workshop on LINKed EDUcation at ISWC 2015

The 1st Workshop on LINKed EDUcation at the ISWC 2015 will bring together researchers, practitioners, and students to discuss the dual relationship between technology-enhanced learning and the Semantic Web. This is a rich field, which covers a wide range of aspects: the use of modern eLearning approaches to train the next generation of Semantic Web scholars and developers; novel skills development frameworks that acknowledge the rise of Semantic-Web-related professions; existing courseware, platforms, and curricula; as well as semantic technologies-enabled eLearning solutions. The discussion will be framed in the broader context of Web and data science, which bring in an interdisciplinary perspective with roots in social sciences, the humanities, business analytics, and numerical methods.

Topics

Education and Professional Training for Semantic Web and Linked Data:

- curricula, formats, and methodologies
- computer science vs. social sciences and engineering-related disciplines
- the traditional class room vs. MOOCs
- accessibility
- gender and diversity in education and professional training
- existing repositories and available courseware
- case studies documenting the application of specific pedagogical concepts and techniques in the classroom

Semantic Web enabled Technology Enhanced Learning:

- vocabularies and ontologies for the annotation of learning resources
- NLP to open up (and semantically annotate) learning resources
- learning analytics and (semantic) data mining / educational data mining
- Semantic Web technologies for informal learning and Web-based education
- Semantic Web technologies for personalisation and context-awareness in eLearning
- usability and advanced user interfaces in learning environments
- Schema.org, LRMI and Microdata for annotation of educational Web material
- exposing learning objects & resources to the Web of Data
- learning flows and designs with Semantic Web technologies
- visual analytics of educational data
- collaborative learning on the Web of Data
- educational Semantic MashUp applications
- adaptive and intuitive learning environments
- Semantic Web technologies support for Crowd Sourcing and/in eLearning

Deadlines and Submission

Contributions to the workshop can be made in terms of technical papers and posters/statements of interest addressing different issues of linked education. Technical papers should be not longer than 12 pages (about 5,400 words in HTML format, where figures and tables count 300 words each) using the LNCS Style. Posters/statements of interest should not exceed 2 pages (about 900 words in HTML format) and should be handled according to the guidelines for technical papers.

All contributions should be prepared in PDF or HTML (for HTML submissions, please cf. below) format and should be submitted (no later than **July 24th, 2015**) through the workshop submission site at easychair: <https://easychair.org/conferences/?conf=linked2015>

Submission date: July 24, 2015

Author notification: August 15, 2015

Camera-ready proceedings: August 24, 2015

Workshop date: October 11 or 12, 2015

We would like to encourage you to submit your paper as HTML:

Submit a zip archive containing an HTML file compliant with the Research Articles in Simplified HTML (RASH) format with the additional stylesheets and scripts included in the [style package](#) for guaranteeing a correct visualisation of the document on browsers.

RASH is an XML-based format composed by a few of the available HTML tags and allows one to add RDFa annotations to any element.

The current version of the RASH format is fully introduced in its [documentation page](#) (written in RASH), which includes several examples. The complete RelaxNG grammar of the language is [available online](#). The whole style package of this format (which includes the documentation, the examples and the grammar) is also available as a [ZIP archive](#). In order to check if a RASH file is compliant with the 12 pages limit constraint, the browser interface of RASH allows one to change the current layout to LNCS Style by clicking the button "Layout" in the footer. Then, one can check the amount of pages of the RASH file by printing it or storing it as PDF.

We encourage to use the earliest version of browsers for guaranteeing the best visualisation of the RASH documents. In addition, the translation from your RASH submission into the appropriate publishing format that will be used in the official proceedings of the workshop will be totally handled by us through a semi-automatic process.

Workshop Chairs

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