Announcing

SWAT4LS 2010

Semantic Web Applications and Tools for Life Sciences

Berlin, 10th December 2010

SWAT4LS is a workshop that provides a venue to present and discuss benefits and limits of the adoption of Web based information systems and semantic technologies in biomedical informatics and computational biology.

Topics of interest include, but are not limited to:

- Standards, Technologies, Tools for the Semantic Web
  - Semantic Web standards and new proposals (RDF, OWL, SKOS, Linked Data, ...)
  - Biomedical Ontologies and related tools
  - Alternative approaches to integrate semantic representations and web based solutions
  - Formal approaches to large biomedical knowledge bases
- Systems for a Semantic Web for Bioinformatics
  - RDF stores, Reasoners, query and visualization systems for life sciences
  - Semantic biomedical Web Services
  - Semantics aware Biological Data Integration Systems
- Existing and prospective applications of the Semantic Web for Bioinformatics
  - Semantics aware application tools
  - Semantic collaborative research environments
  - Case studies, use cases, and scenarios

Deadlines:
15 / 09 / 2010: Submissions opening
18 / 10 / 2010: Paper submission deadline
01 / 11 / 2010: Poster and Demo submission deadline
15 / 11 / 2010: Communication of acceptance

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