



CALL FOR PAPERS

ICBO: International Conference on Biomedical Ontology

University at Buffalo, NY ▪ Tutorials and Classes: July 20-23, 2009 ▪ Conference: July 24-26, 2009

The **International Conference on Biomedical Ontologies (ICBO)** is the first major conference covering all aspects of biomedical ontology. Principles-based ontologies are being developed for the description of biological and biomedical phenomena of almost every different type, and their use in annotation of both clinical and experimental data is now a common technique in integrative translational research. To be maximally effective, such ontologies must work well together. Hence the need for an overarching conference involving representatives of all major communities involved in the development and application of ontologies in biomedicine. ICBO is designed to meet this need. It will be held in conjunction with four days of tutorials and classes scheduled from July 20-23, 2009.

Papers and posters are invited on the following topics:

- Ontologies for Chemistry and Molecular Biology
- Ontologies in Literature Curation, Text and Data Mining
- Ontologies for Clinical and Translational Medicine
- Ontologies for Cell Biology
- Ontologies for Biomedical Investigations
- Ontology Engineering
- Ontologies and Standards
- Disease Ontologies

Areas of special focus will include:

- Ontologies and the treatment of patient data
- Biomedical ontology and the Semantic Web
- The OBO Foundry and other ontology federations
- Reasoning with biomedical ontologies
- Evaluation of biomedical ontologies
- Minimal Information for Biological and Biomedical Investigations (MIBBI) and related standards
- Defining disease in a new era of molecular medicine
- Ontology and natural language processing
- The role of ontology in the future of scientific publishing

Important Dates

- March 1: Deadline for submission of papers (See: <http://icbo.buffalo.edu/Guidelines.pdf>)
- March 24: Notification of acceptance of papers
- April 10: Deadline for submission of posters
- April 20: Notification of acceptance of posters
- June 10: Deadline for submission of camera-ready copy
- July 20-23: Co-located tutorials and classes
- July 24-26: ICBO Conference

Publication

All accepted papers will be published in a volume of Proceedings to be distributed at the meeting. In addition, a number of papers presented at the meeting will be selected for resubmission in expanded form, for publication in the following journals:

- *Applied Ontology* (IOS Press, special issue on foundational aspects of ontology)
- *Journal of Biomedical Informatics* (Elsevier, special issue on biomedical ontology)
- *Database: The Journal of Biological Databases and Curation* (Oxford University Press, selected papers on ontologies, databases and curation)

Fellowships

A number of fellowships will be available to support participation by students and by early-career researchers (less than 5 years from award of PhD). To apply for one of these fellowships please submit your CV and research statement before March 1 to ontology@buffalo.edu.

Sponsored by:



University at Buffalo College of Arts and Sciences, National Center for Ontological Research, and National Center for Biomedical Ontology

Participation in this meeting by women, minorities, and person with disabilities is strongly encouraged.