

Tutorial and Workshop on Semantic Computing in Health Care (TWSCHC 2013)

The Medical domain has been at the forefront of the semantic technology with the development and standardization of numerous ontologies and the development of tools to support the authoring and integration of the semantic models. With the continued increase in health care costs and the promise of personalized medicine, there is a strong incentive to understand, leverage, and deploy tools for more effective processes and outcomes.

The Tutorial and Workshop on Semantic Computing in Health Care (TWSCHC 2013) consists of a half-day tutorial and a half-day workshop to be held in conjunction with the 7th IEEE International Conference on Semantic Computing (ICSC2013) on September 19, 2013. The tutorial will provide an overview of the problems and challenges faced by the health care industry in adopting and effectively leveraging the promise of semantic technology. The workshop will consist of presentations of invited papers and peer-reviewed papers.

Tutorial Speakers

Peter Haug, Intermountain Healthcare
Joanne S. Luciano, Tetherless World Constellation, RPI

Call for Papers

Submissions are sought for papers in, but are not limited to, the following areas:

- * Ontology alignment
- * Reasoning frameworks
- * Working with aggregated patient data
- * Semantically enabled information extraction and data mining
- * Visualization approaches for longitudinal data
- * Enabling effective search of health related public info by end-consumers

Important Dates

Submission Deadline: May 31, 2013
Notification of Acceptance: June 30, 2013

Organizing Committee

Peter Haug, Intermountain Healthcare
Joanne S. Luciano, RPI
Abha Moitra, GE Global Research Center
Phil Sheu, University of California – Irvine (Point of Contact. psheu@uci.edu)