

# Tutorial and Workshop on Semantic Computing in the Financial Industry (TWSCFI 2013)

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Recent events have called attention to issues of systemic risk in international finance, and the centrality of semantics in addressing those issues. In particular, semantic computing offers increased interoperability, transparency in regulatory reporting and a range of novel applications for financial risk and systemic risk analysis.

The Tutorial and Workshop on Semantic Computing in the Financial Industry (TWSCFI 2013) consists of a half-day tutorial and a half-day workshop to be held in conjunction with the 7<sup>th</sup> IEEE International Conference on Semantic Computing (ICSC2013) on September 19, 2013. The tutorial will provide an overview of the problems faced by the financial industry today and some applications of semantic technologies to solving these problems. The workshop will consist of presentations of invited papers and peer-reviewed papers.

## Tutorial Speakers

Michael Bennett, EDM Council  
David Newman, Wells Fargo, USA

## Call for Papers

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

- \* Formal semantic representation of contracts
- \* Formal semantic representation of securities, derivatives and other financial instruments
- \* Operational semantic technology applications
- \* Regulatory compliance and enforcement
- \* The use of semantics in providing descriptive frameworks for legislation support
- \* Semantically enabled data mining
- \* Semantics in risk management and mitigation
- \* Visualization approaches
- \* Liability and obligation relationships

## Important Dates

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

## Organizing Committee

Michael Bennett, EDM Council  
Peter Berger, Topicmarks  
David Evans, David Evans Ilc.  
Ed Hovy, CMU  
H. V. Jagadish, University of Michigan at Ann Arbor  
David Newman, Wells Fargo  
Phil Sheu, University of California – Irvine (Point of Contact. psheu@uci.edu)