

Ontology Summit 2014:  
Big Data and Semantic Web  
Meet Applied Ontology

Launch Event

Thursday, January 16, 2014

General Chairs:

Michael Gruninger (U. Toronto)

Leo Obrst (MITRE)

# Ontology Summit 2014 Theme: Big Data and Semantic Web Meet Applied Ontology

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- Current state of the communities:
  - Since the beginning of the Semantic Web, ontologies have played key roles in the design and deployment of new semantic technologies
  - But the level of collaboration between the Semantic Web and Applied Ontology communities has been much less than expected
  - Within Big Data applications, ontologies appear to have had little impact
- Ontology Summit 2014 is an opportunity for building bridges among the Semantic Web, Linked Data, Big Data, and Applied Ontology communities
  - The Semantic Web, Linked Data, and Big Data communities can bring a wide array of real problems and technologies that can make use of ontologies
  - The Applied Ontology community can bring a large body of common reusable content (ontologies) and ontological analysis techniques
  - Identifying and overcoming ontology engineering bottlenecks is critical for all communities
- Ontology Summit 2014 will bring together insights and methods from these different communities, synthesize new insights, and disseminate knowledge across field boundaries
- Goal: Improve the interaction across the three communities

# Ontology Summit 2014 Questions for Discussion

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- What do we want to achieve for this Summit?
- How can the communities (Semantic Web, Linked Data, Applied Ontology, Big Data):
  - Improve communication and collaboration?
  - Better share resources and tools?
  - Leverage our individual perspectives, experiences, and knowledge?
- What core goals, technologies, and content do we have in common?

# Ontology Summit 2014 Team

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- General Co-Chairs: Michael Gruninger, Leo Obrst
- Symposium Co-Chairs: Ram Sriram, Tim Finin
- Co-organizers: NCO-NITRD, NIST, NCOR, NCBO, IAOA, Ontolog
- Content Track and Support Team Champions
- Advisory Committee (invited by the Organizing Committee)
- Co-Sponsors (who support this endeavor)
- Participants: all of you and your friends

# Content Tracks and Champions

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- **Track A: Common Reusable Semantic Content**
  - Mike Bennett, Andrea Westerinen, Gary Berg-Cross
- **Track B: Making use of Ontologies: Tools, Services, and Techniques**
  - Christoph Lange, Alan Rector
- **Track C: Overcoming Ontology Engineering Bottlenecks**
  - Krzysztof Janowicz, Pascal Hitzler, Matthew West
- **Track D: Tackling the Variety Problem in Big Data**
  - Ken Baclawski
- **Track E: Hackathon (and related activities)**
  - Dan Brickley, Anatoly Levenchuk
- **Track F: Communique and Publications**
  - Lead-Editors: Michael Gruninger, Leo Obrst
  - Co-champions: Todd Schneider, Francesca Quattri
- **Track G: Community Resources**
  - Amanda Vizedom, Oliver Kutz

# Support Teams and Champions

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- **Team R: Public Relations (includes Sponsor Relations & Website Development)**
  - Marcela Vegetti (website)
  - Still looking for additional co-champions for Public Relations
- **Team M: Program Management (includes operations, logistics, production)**
  - Peter Yim
  - Still looking for additional co-champions for Program Management

# Schedule of Summit Events

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- January 23: Track A
- January 30: Track B
- February 6: Track C
- February 13: Track D
- February 20: Track E: Hackathon Launch
- February 27: Synthesis I: Proposed Communique Outline
- TBD
- April 28 & 29: Symposium

**Reference the developing Master Event Calendar at:**  
[ontolog.cim3.net/cgi-bin/wiki.pl?OntologySummit2014#nid426N](http://ontolog.cim3.net/cgi-bin/wiki.pl?OntologySummit2014#nid426N)

# Today's Agenda

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- Desired outcomes for this Summit (remarks from the co-organizers):
  - NCO\_NITRD: George Strawn
  - IAOA: Michael Gruninger
  - NCOR: Barry Smith
  - NIST: Ram Sriram
  - NCBO: Mark Musen
  - Ontolog: Peter Yim
- Introduction to the topics and tracks for this year's theme
  - Track Co-Champions
- Symposium overview and vision (symposium co-chair)
  - Ram Sriram, Tim Finin
- Support infrastructure, Process, and Administrivia
  - Peter Yim
- Q & A and open discussion on what the community wants to achieve in this Summit: see slide 3 questions
- Conclusion / Follow-up / Next session