ONTOLOGY SUMMIT 2014

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OVERCOMING ONTOLOGY ENGINEERING BOTTLENECKS

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STRATEGIES AND BUILDING BLOCKS

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Track Mission

To identify bottlenecks that hinder the large-scale development and (re)usage of ontologies and identify ways to overcome them.

Bottlenecks include

- . . .
- Social, cultural, and motivational issues
- Ontology engineering processes that are time consuming
- . . .

Potential Solutions include

- . . .
- Lessons learned from ontologies that are seeing wide adoption
- The identification of purpose-driven modeling granularities that provide sufficient semantics without over-engineering
- . . .

For details visit: bit.ly/1jea2ZS

STRATEGIES AND BUILDING BLOCKS SESSION

Questions that we would like to address during today's session

- What are the lessons learned from *in-the-wild* ontology engineering projects? How do challenges related to cultural and motivational issues relate to technical issues, e.g., tool support? How to get community buy-in? What are the tradeoffs between expressiveness vs. pragmatics?

- Who will develop all the ontologies we would ideally need? What is the role of crowd-sourcing? What is the state-of-the art with respect to quality control?

- How is the industry addressing ontology engineering bottlenecks and what are the technological solutions available on the market today? How much (deep) semantics do customers really need?

SPEAKERS

- **Oscar Corcho**
  (Universidad Politecnica de Madrid)
  10 basic rules to overcome ontology engineering deadlocks in collaborative ontology engineering tasks

- **Dhaval Thakker**
  (University of Leeds)
  Modeling Cultural Variations in Interpersonal Communication for Augmenting User Generated Content

- **Peter Haase**
  (Fluid Operations)
  Developing Semantic Applications with the Information Workbench - Aspects of Ontology Engineering