

# **Panel Discussion: “Ontology Registry and Repository Technology & Infrastructure Landscape”**

Ontolog Forum Teleconference  
Thursday, Feb. 28, 2008

Chaired by

Leo Obrst (MITRE)  
Frank Olken (NSF)

# Motivation for this Teleconference

- Part of the **Open Ontology Repository Initiative**
  - <http://ontolog.cim3.net/cgi-bin/wiki.pl?OpenOntologyRepository>
- Part of the preparation for the **Ontology Summit** to be held at NIST on April 28-29, 2008 on **“Toward an Open Ontology Repository”**
  - <http://ontolog.cim3.net/cgi-bin/wiki.pl?OntologySummit2008>

# Speakers, Topics

- Bruce Bargmeyer (LBNL) – **XMDR Project**
- Mike Dean (BBN) – **DAML Ontology Library**
- Mark Musen (Stanford) – **NCBO's Biportal**
- Farukh Najmi – **OASIS ebXML RegRep**
- Peter Yim (CIM3, Ontolog) - **Infrastructure for Open Ontology Community Support**

# For each Ontology Repository:

- Hosting / organizing / standards body?
- Scope of content?
- Why? (motivation)
- Ontology representation formalism?
  - RDF? OWL? DAML? Other description logics? First Order Logic? IKL? UML?
- Representation of mappings among ontologies?
- Status? Plans?
- URL?

# Ontology Repository & Registry

## State of the Art Survey

- Being prepared as part of the preparation for the Ontology Summit 2008
- Post your input to the [ontology-summit] mailing list, as part of the public online discourse
  - prefix your subject line with [state-of-art]
  - to join: <http://ontolog.cim3.net/cgi-bin/wiki.pl?OntologySummit2008#nid18V7>
- Alternatively:
  - Send info, links to Frank Olken, [folken@nsf.gov](mailto:folken@nsf.gov)
  - Subject line: Ontology Repository State of Art

# NSF Funds Ontology Research

- **NSF funds research on ontologies**, ontology repositories, knowledge representation, metadata registries, data semantics, inference engines, mappings among ontologies, semantic web technology, etc.
- **Eligibility:** U.S. based academic researchers (mostly)
- Reviewers needed for upcoming semantics panel (may be from industry, outside U.S.)
- Contact Frank Olken, [folken@nsf.gov](mailto:folken@nsf.gov)

# This Teleconference

- Agenda, Speakers, Slides and Audio archives can be found at:

[http://ontolog.cim3.net/cgi-bin/wiki.pl?ConferenceCall\\_2008\\_02\\_28](http://ontolog.cim3.net/cgi-bin/wiki.pl?ConferenceCall_2008_02_28)