Standards for Knowledge Graphs
Session 2

organized by

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Generic Information Modeling Requirements

- Model Construction
- Representation across scales and levels of abstraction
- Broad accommodation for multiple formalisms
- Separation of domain-specific concerns
- Integration and aggregation across models
- Model evolution
- Flexibility and modularity
- Scalability
Knowledge Graphs and Networks

- The summit discussed many approaches to knowledge graphs and networks
- The field is reasonably mature as can be seen by use in the industry (Google, etc.)
- A standard representation will aid in increased use
- It will also lead to formal knowledge repositories in number of domains
- Could be developed in a flexible manner (e.g., layered, modular)
Questions for Today’s Panelists

- Are we ready for standards?
- What is the current state of the art?
- What should the future be?
- What are the roles for various organizations?
Panelists

- **Lisa Carnahan**
  - NIST
  - *The IT Standards Process*

- **Barry Smith**
  - University of Buffalo

- **Michael Grüninger**,
  - Semantic Technologies Lab, University of Toronto
  - *Standards and Ontologies*