ESIP Semantic Tech Committee ,Tuesday, September 26, 2017

Attendance:
Beth Huffer
Dave Smith
Kai Blumberg
Ruth Duerr
Pier Luigi Buttigieg
Bhaskar Ramachandran
Ken Bagstad
Line Pouchard
Douglas Fils

AGENDA

1. ESIP Lab Call for Proposals
   a. [RFP](#)
   b.
2. [Winter Meeting Call for Session Submissions](#) (due by **COB Monday, October 30, 2017**)
- Meeting dates: January 9-11, 2018 in Bethesda MD: ***Promoting techniques to articulate and measure the socioeconomic value and benefit of Earth science data, information and applications.*** (Summer meeting July 17-20, UCSD)
- Types of Sessions:
  - **Breakout Session**—presentation-style session with multiple speakers sharing lessons learned, a new tool or new initiative.
  - **Panel Session**—panel-style discussion with one moderator and a group of experts who represent different perspectives on a common topic.
  - **Workshop Session**—classroom-style session to teach attendees; should be hands-on with limited use of slides.
  - **Working Sessions**—roundtable-style session where participants work together to solve a specific problem.
  - **Business Meetings**—dedicated planning time for Collaboration Areas.
Suggestions:
   a. ESIP Semantic Tech Committee Business Meeting
   b. Earth Science Idol – Formalizing a process to define ontology terms and achieve consensus among the experts; how about a hack-a-thon
   c. Semantic Tech Roadmap - a working session to
   d. ?
3. Geosemantics Symposium planning;

a. Budget (if approved) will provide travel stipends of $1000 each for 3 invited speakers
    i. Eric Stephan (Line)
    ii. Data Conservancy R-Map System (a triple store) (Ruth)
    iii. OSF has semantic components (Ruth)
    iv. Ferdinando Villa (Basque Center for Climate Change) (Ken)
b. Focus on practical applications of ontologies and semantic technologies, with the specific aim of introducing prospective technology adopters to tools and techniques that they can use to achieve their data management goals. The symposium's morning session will feature presentations on applications of semantics and ontologies, and the afternoon session will feature hands-on workshops designed to provide practical knowledge about how to work with semantic technologies to solve real problems.
    i. Identify speakers for morning session;
    ii. Identify tools and services, and tutors, for afternoon session;
        1. Identify all software requirements for working with tools and services, including IDEs, workflow managers, App Servers, etc. (e.g., Eclipse, Maven, Tomcat) that they need to run
        2. Contact symposium attendees to encourage them to install software ahead of time
        3. Provide support for software installation, where needed
4. Possible formation of subcommittees to handle SWEET, Ontology Portals
    a. SWEET WG: a small group of committee members that will function as an agile team, responsible for continued development and maintenance of the SWEET ontology. The SWG will continue the activities that are being piloted by the Earth Science Idol project (a FUNding Friday proposal). This working group will be responsible for working with Earth Science subject matter experts to define SWEET vocabulary terms and align those terms with existing Earth science ontologies such as the Environment Ontology (ENVO) and the Chemistry Ontology (CheBi).