



P7: Joint Session on General & Domain Specific Metadata

Materials, Chemistry, Photon/Neutron IGs & Metadata IG

research data sharing without barriers
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General & Domain Specific Metadata

- Welcome, Laura Bartolo, MDII IG
- Chemistry IG, Leah Rae McEwen
- Materials Science, Ray Plante
- Photon/Neutron IG, Brian Matthews
- Metadata Interest Group, Keith Jeffery
- Discussion: Potential for Consensus & Shared Approaches

Meeting Notes: Questions & Comments during session ³

- For MSE:
 - Need to develop registry software instead of using existing software & are you working at all with re3data, looking at their schema?
 - MSE: The registry software being released in Summer 16 builds upon existing software in place for MSE curation and discussions are underway with re3data. The Data Fabric session brought up ways to integrate (noting the different models for curation).
- For Photon/Neutron:
 - How would metadata for streaming data in large facilities be handled & how would that treatment be different from metadata for static data?
 - Photon/Neutron: That issue will need to be considered.
- For all three disciplines:
 - Comment: For concept definitions needed by the disciplinary metadata efforts, Data Foundation & Terminology WG has defined many concepts that may be useful examples or applications.
 - Has thought been given about what/how roles other than author/creator that play a significant part in the development of data are described, ex. instrument operator, data curator?
 - How would issues of governance and authority of metadata be handled -- e.g., control by designated "data mediators", handled by "data producers", a combination of the two?
 - Comment: It may be useful to continue discussions of general & disciplinary-specific metadata with HDF5 at Plenary 8.