EUDAT

PARALLEL SESSION: TRACK 1 - EUDAT SERVICES -1.3 METADATA

CHAIR: DAAN BROEDER, THE LANGUAGE ARCHIVE – MPI FOR PSYCHOLINGUISTICS

DATE & TIME: WEDNESDAY 30TH OCTOBER – 09:00 - 10:30

PLENARY ROOM:RAFFAELLO + TINTORETTO + BOTTICELLI

OVERVIEW:

The data subject is hot; it is considered the new oil of the digital area. Data is produced at staggering rates. The main questions are "Where store it?", "How to find it?" and "How to make the most of it?". In this context, metadata is the key to improving and ensuring the quality of data for current and future usage, and metadata catalogues are the place to find the interesting relevant and most valuable data sets. EUDAT is developing a joint metadata catalogue that combines the metadata, gathered from various repositories and sources, and hence bridges key information from research across science domains. This session will present current work and plans on the joint metadata service, the need for harvestable repositories and the challenge to understand and to bridge domain specific ontologies. It will also present related work to the dispersed metadata challenge. The session foresees ample discussion time to hear views and contributions from the participants.

AGENDA:

09:00 - 09:30	**Data interoperability in cultural heritage: the Europeana approach - Nuno Freire, The European Library, Europeana Foundation**
	Nuno Freire is a Senior Researcher at The European Library. He holds a PhD in Informatics and Computer Engineering from the Instituto Superior Técnico of the Technical University of Lisbon. During his entire career he has been involved in research projects in the area of digital libraries. His areas of interest include information systems, information retrieval, information extraction, data quality, and knowledge representation, particularly in their application to digital libraries and bibliographic data.
09:30 – 10:00	**Data Federation via Metadata – Bill Michener, University of New Mexico's University Libraries**
	Bill Michener is Professor and Director of e-Science Initiatives at the University of New Mexico's University Libraries. He serves as Project Director for two large National Science Foundation supported projects: (1) Data Observation Network for Earth (DataONE)—a large DataNet project that supports cyberinfrastructure development and community engagement for the biological, environmental, and Earth sciences; and (2) the New Mexico Experimental Program to Stimulate Competitive Research. He is actively involved in research related to creating information technologies supporting data-intensive science, development of federated data systems, and community engagement and education. He has a PhD in Biological Oceanography from the University of South Carolina and has published extensively in marine science, as well as

	the ecological and information sciences.
	Bill has authored five books and more than 100 journal articles and book chapters. He has a strong background and training in organizational sustainability and governance, project management, and meeting facilitation. Presently, he serves on the Board of Directors (or Administrative Board) for Dryad, Inc., the Organization for Tropical Studies, and the Cornell Lab of Ornithology, as well as the Governance Committee for an emerging international organization that seeks to nurture a network of organizations that are involved in Public Participation in Scientific Research (i.e., citizen science). He serves as editor of the Ecological Society of America's Ecological Archives, Associate Editor for Ecological Informatics, and as a member of the Ecology Editorial Board, and was recently appointed to the Technical Advisory Board for the Research Data Alliance
10:00 – 10:30	**B2find: The EUDAT Metadata Service - Daan Broeder, The Language Archive – MPI for Psycholinguistics**
	Daan Broeder, for many years senior developer for archive and infrastructure solutions and now deputy director of TLA unit of the MPI for Psycholinguistics, is technologist (electronics and IT) and has a long record in leading development tasks in international projects. Currently he is a member of the executive board of the Dutch CLARIN project and participating several EU projects concerned with research infrastructure development as DASISH and EUDAT. In addition he is convener of new ISO standards in the linguistic domain (TC37/SC4: Component Metadata Infrastructure "CMD" and persistent identification "PISA").