

CHAIR: ULRICH SCHWARDMANN, GWDG, GERMANY

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

ROOM: PUCCINI

OVERVIEW:

AGENDA:

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| 09:00 - 09:05 : | Welcome & Session Introduction, Morris Riedel, JUELICH |
|  | <p>Dr. - Ing. Morris Riedel is an Adjunct Associate Professor at the School of Engineering and Natural Sciences of the University of Iceland. He received his PhD from the Karlsruhe Institute of Technology (KIT) and started the work in parallel and distributed systems in the field of scientific visualization and computational steering of e-science applications on large-scale HPC resources. He is also the deputy division leader of the division “Federated Systems and Data” of the Juelich Supercomputing Centre in Germany. At this institute, he is also the head of a specific scientific research group focused on “Interoperability and Applications”. Lectures given in universities such as the University of Applied Sciences of Cologne and University of Technology Aachen (RWTH Aachen) include ‘Handling of large datasets’ and ‘Scientific and Grid computing’. His current research focusses on 'high productivity processing of big data' in the context of scientific computing applications.</p> |
| 09:05 - 09:10 | Q&A |
| 09:10 - 09:30 | On Working with EPIC Persistent Identifiers, Ulrich Schwardmann, GWDG |
|  | <p>Ulrich Schwardmann studied mathematics and informatics and made his PhD in mathematics in 1987. Afterwards he became employee at GWDG with main activities in parallel and scientific computing and optimization. In 2007 he started to set up a persistent identification service for the Max-Planck-Society at GWDG as a mayor building block for the data management activities of GWDG, that he is leading since then.</p> |
| 09:30 - 09:35 | Q&A |

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| 09:35 - 09:45 | DataCite – global infrastructure for making data citable based on the DOI system - Jan Brase DataCite |
|  | Jan Brase has a degree in Mathematics and a PhD in computer science from the University of Hannover. He was head of the DOI (Digital Object Identifier) registration agency of the German National Library of Science and Technology and has been Executive Director of DataCite since its founding in 2009. He is vice president of the International Council of Scientific and Technical Information (ICSTI), co-chair of the International DOI Foundation (IDF) and a co- chair of the CODATA-ICSTI (Committee on Data for Science and Technology/International Council on Scientific and Technical Information) Task Group on Data Citation. |
| 09:45 - 10:00 | Handle System Evolution and Governance, Larry Lannom, Director of Information Services, Vice President at the Corporation for National Research Initiatives (CNRI) |
|  | Larry Lannom is Director of Information Services and Vice President at the Corporation for National Research Initiatives (CNRI), where he works with organizations in both the public and private sectors to develop experimental and pilot applications of advanced networking and information management technologies. His current work is focused on CNRI's Digital Object Architecture, which is based on the concept of the digital object, a uniform approach to representing digital information across computing and application environments, both now and into the future. He is responsible for the development and ongoing evolution of a series of infrastructure components needed to implement the architecture. This includes a high performance resolution system, known as the Handle System that maps identifiers into current state information about the digital objects being identified, repositories for storing digital objects and from which they may be accessed, and metadata registries for managing collections of digital objects across one or more repositories. |
| 10:00 - 10:20 | Exploring Persistent Identifiers for Open Time Series, Robert Huber – MARUM |
| | Dr. Robert Huber, Geologist and Information Specialist holding a PhD in Marine Geology. He worked several years as information system architect for the aerospace industry and the renewable energy industry. Since 2002 he is employed at the Centre for Marine Environmental Sciences (MARUM) at the University Bremen and responsible for projects in scientific data management and IT development especially in the fields of marine observatory networks at the PANGAEA working group. He was/is leading the data management work package for ESONET, FIXO3 and COOPEUS and was/is involved in the related EU projects EMSO, HYPOX, SIOS and ENVRI. |
| 10:20 - 10:25 | Q&A |
| 10:25 - 10:30 | Session Conclusions, Morris Riedel, JUELICH |