

CHAIR: CHAIR: MARK VAN DE SANDEN, SURFSARA


DATE & TIME: TUESDAY 29TH OCTOBER – 16:30 - 18:30

PLENARY ROOM:RAFFAELLO + TINTORETTO + BOTTICELLI

OVERVIEW:

Many researchers are collaborating across institutional boundaries and are facing the problem of finding an easy way of storing and sharing their data. But even single researchers should want to safeguard their own results and data in a safe storage place that will be kept open and accessible for other researchers in the future. They often have large numbers of small files, for example, files containing derived data in the form of spread sheets or analysis results. Although the information in these small files is important, they usually do not belong to large research collaborations with well-defined data storage plans. These kind of files are known as the “long tail data”, which are often stored locally on laptops and departmental storage devices with the risk of losing valuable scientific data, either because other researchers do not have easy access to the data or because such storage systems are often not adequately secure. To solve this problem EUDAT is working on a service called Simple Store which combines a shared storage space with the possibility to add metadata and to assign persistent identifiers. This session will present the current work and plans on the Simple Store service, related work from other projects and there will be time for discussion on the subject of “long tail data”. Options to provide cloud storage as a temporary low-barrier storage solution will be discussed.

AGENDA:

16:30 - 18:30	Welcome & Introduction, Mark Van De Sanden, SURFsara
	<p>Mark van de Sanden has a Bachelor degree in computer engineering from the technical college's Hertogenbosch and started work at the National Aerospace Laboratory (NLR) as system administrator. In 1997 he joined SURFsara as an UNIX system administrator of supercomputing environments. In 2002 he started working on the SURFsara mass storage infrastructures and is currently team leader of the Data Services group. He is involved in large scale data projects like the Large Hadron Collider (LHC) as part of the WLCG NL-T1 and Long Term Archiving (LTA) facilities of the LOFAR low frequency telescope. In EUDAT he is coordinating the service building work package.</p>

	<p>Meeting DRIHM Citizen Scientist needs with SimpleStore, Alberto Parodi – CIMA Research Foundation</p>
	<p>Expert in atmospheric modelling and statistical analysis of extreme events, in the development of simplified models of dry and moist convection and the study of the main sources of uncertainty in the high resolution numerical modelling of deep moist convective processes. Awarded with a CNR-MIT grant in 2002 in the framework of the bilateral USA-Italy investigations on climate change and hydrogeological disasters. Since 2003 has developed teaching activities at the University of Genova in the following fields: Hydraulics, Fluid Mechanics, Dynamics of Atmosphere and Computational methods in Environmental Engineering. Coordinator of FP7 project DRIHMS (Distributed Research Infrastructure for Hydro-Meteorology Study, www.drihms.eu, 2009-2011) and DRIHM (Distributed Research Infrastructure for Hydro-Meteorology Study, www.drihm.eu, 2011-2015). Coordinator of FP7 project DRIHMS (Distributed Research Infrastructure for Hydro-Meteorology Study, www.drihms.eu, 2009-2011), DRIHM (Distributed Research Infrastructure for Hydro-Meteorology Study, www.drihm.eu, 2011-2015) and DRIHM2US (Distributed Research Infrastructure for Hydro-Meteorology Study to United States of America, www.drihm2us.eu , 2012-2014). Antonio Parodi is author and co-author of 30 papers published in international peer-reviewed and referred journals.</p>