In 11th IEEE International Conference on eScience, Munich, Germany, workshop on
Interoperable infrastructures for interdisciplinary big data sciences (IT4RIs)
http://staff.fnwi.uva.nl/z.zhao/workshop/it4ris/

Organizers
- *Dr. Zhiming Zhao,* University of Amsterdam, NL
- *Prof. Malcolm Atkinson,* School of Informatics, University of Edinburgh, UK
- *Prof. Keith Jeffery,* Natural Environmental Research Council, EPOS Project, UK

Call for papers
Research infrastructures are expected to become important pillars not only for supporting their own communities, but also for inter-disciplinary research. This requires policies, models and e-infrastructure to optimize technological implementation, define workflows, and ensure coordination, harmonization, integration and interoperability of data, applications and other services between research infrastructure initiatives in the specific thematic area. This workshop focuses on practical aspects of research infrastructure design, development, operation and user community support. The workshop aims to provide a forum for researchers and developers to exchange the latest experience and research ideas on requirements and on building common operations, interoperability solutions, semantic linking framework and data/service harmonization that support interdisciplinary big data sciences.

Subject
Authors are invited to submit original manuscripts that demonstrate current research on a broad range of topics related to interoperable infrastructures for interdisciplinary big data sciences, including but not limited to:
- Research community requirements and support
- The nature and potential of data-intensive (interdisciplinary) scientific methods
- Strategies for linking and reusing combinations of simulation-result and observational data
- Research Infrastructure reference model
- Semantic linking among research infrastructures
- Interoperable data citation and identification
- Data harmonization
- Interoperable data processing workflows and provenance
- Interoperable data and service catalogues
- Interoperable infrastructure operation including policy and security models
- Interoperable infrastructure trust models
- Interoperable data access and transport services

Important dates
- *Submission deadline*: May 10, 2015
- *Notification*: June 10, 2015
- *Camera ready*: June 21, 2015
- *Workshop*: September 3-4, 2015

Publication
Accepted papers will be published by IEEE Computer Society Press, US. An author of each accepted paper is required to register and present the paper in the workshop. Selected high quality papers will be considered for a special journal issue.

Program committee
- Adam Belloum, University of Amsterdam, NL
- Alessandro Spinuso, Koninklijk Nederlands Meteorologisch Instituut, NL
- Alex Vermeulen, Lund University, SE
- Andrew Jones, Cardiff University, UK
- Anneke Zuiderwijk-van Eijk, TUDelft, NL
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- Hai Jin, Huazhong Scientific Technology University, CN
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- Ingrid Mann, EISCAT ERIC, SE
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- Federica Magnoni, INGV, IT
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- Paola Grosso, University of Amsterdam, NL
- Paolo Laj, the Laboratoire de Glaciologie et Géophysique de l'Environnement (LGGE), FR
- Peter van Tienderen, University of Amsterdam, NL
- Ricardo Graciani, University of Barcelona, ES
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- Sandra Gesing, University of Notre Dame, Indiana, US
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- Wouter Los, University of Amsterdam, NL
- Yannick Legre, Egi.eu, the NL