

3rd International Workshop on
Workflow systems in e-Science (WSES 08)

<http://staff.science.uva.nl/~zhiming/workshop/wses/>
<http://ccgrid2008.ens-lyon.fr>

In conjunction
with
CCGrid
May 19-22, 2008
Lyon, France

Aims and scope

The WSES workshop focuses on practical aspects of scientific workflow management systems: design, implementation, applications in all fields of computational science, interoperability among workflows and the e-Science infrastructure, e.g., knowledge framework, for workflow management. The workshop aims to provide a forum for researchers and developers in the field of e-Science to exchange the latest experience and research ideas on scientific workflow management and e-Science.

Live demos of workflow systems and workflow application are welcome.

Topics

Authors are invited to submit original manuscripts that demonstrate current research in all areas of scientific workflow management in e-Science. The workshop solicits novel papers on a broad range of topics, including but not limited to:

- Workflow infrastructure and e-Science middleware.
- Workflow API and graphical user interface.
- Workflow modelling techniques.
- Workflow specification language.
- Workflow execution engine.
- Dynamic workflow control.
- Workflow verification and validation.
- Workflow system performance analysis.
- Support tools for managing workflows.
- AI techniques in workflow management, e.g., planning, runtime control and user support.
- Security control in managing workflow.
- Real-world applications of scientific workflow.
- Different levels of interoperability among workflow systems.
- Automatic composition of scientific workflow.
- Knowledge infrastructure in workflow management.

Paper submission and publications

The papers are limited to 6 pages each and they must follow the IEEE 8.5"x11" two-column format guidelines described at http://www.computer.org/portal/pages/cscps/cps/cps_forms.html. Workshop papers will be included in CCGrid proceedings published by IEEE Computer Society. The papers will also be available electronically in the IEEE digital library. The procedure for paper submission will be available here soon. Selected best papers, after extension, will be published in *a suitable international journal* as a special issue.

Important dates

- December 9, 2007 Full paper due.
- January 3, 2008 Notification.
- January 30, 2008 Camera-ready paper due.

Programme committee

- Pieter Adriaans (UvA, NL)
- Ilkay Altintas (UC, USA)
- Marian Bubak (AGH, Poland)
- Ewa Deelman (USC, USA)
- Carole Goble (UM, UK)
- Bob Hertzberger (UvA, NL)
- Andreas Hoheisel (FICAST, Germany)
- Lican Huang (ZJU, China)
- Peter Kacsuk (HAS, Hungarian)
- Minglu Li (SJU, China)
- Ling Liu (GIT, USA)
- Shiyong Lu (WSU, USA)
- Syed Naqvi (CCLRC RAL, UK)
- Maryam Purvis (UO, NZ)
- Peter Rice (EBI, UK)
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Organisers

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