



Call for Papers for a special issue of J.UCS on

Conceptual Modelling of Services

Guest Editors:

- Hui Ma, Victoria University of Wellington, New Zealand
- Klaus-Dieter Schewe, Software Competence Center Hagenberg & Johannes Kepler University Linz, Austria,
- Bernhard Thalheim, Christian Albrechts University Kiel, Germany
- Qing Wang, University of Otago, New Zealand

We invite submissions to a special journal issue on conceptual foundations of services computing, services science, and business processes. We are particularly interested in contributions that address the general question of how the well established conceptual modelling discipline can help the novel and fast growing paradigms of service orientation to meet the challenges of today's systems engineering.

Typical topics of research papers can be (but are not limited to) the following:

- Conceptual models for service-oriented systems;
- Conceptual models for semantic services;
- Conceptual models for integrated design and delivery of value bundles (services plus physical goods, etc.);
- Formal methods for services computing and services science;
- Foundations of business process modelling, integration and management;
- Modelling languages / techniques for services;
- Modelling support for services discovery;
- Modelling support for services integration (within a single domain, across domains, with legacy applications, etc.);
- Modelling support for adaptivity of service-oriented systems;
- Personalisation of services;
- Quality of services and services modelling;
- Reference models for service-oriented systems;
- Reuse of modelling artifacts;
- Semantics of service-oriented systems;
- Service composition planning and verification;
- Service computing process modelling, transformation and integration;
- Service development process modelling;
- Service ontologies and ontology alignment;
- User interfaces for assisted service modelling;
- Workflow modelling.

Submission Guidelines:

Submissions must be in English and formatted in J.UCS style. Detailed formatting instructions for authors and LaTeX style files can be accessed via the journal homepage (http://www.jucs.org/ujs/jucs/info/submissions/style_guide.html). The total length should not exceed 20 pages. In case authors need more space, the editors of the special issue should be contacted in advance at (kdschewe@acm.org).

Papers must be sent as pdf-files to (hui.ma@ecs.vuw.ac.nz) by the due date. All submissions will undergo the usual reviewing process for journal papers. We anticipate to notify authors by the end of February 2012, whether their submission is accepted with or without minor amendments, a major revision is requested, or the submission is rejected.

Timeline and Planning:

- Paper submission: December 16, 2011
- Feedback from reviewers and acceptance notification: February 24, 2012
- Revised manuscripts (in case of major revisions): April 13, 2012
- Feedback from reviewers on revisions and acceptance notification: May 18, 2012
- Camera-ready versions: June 1, 2012