

Call for Papers for a Special Issue of  
**“Cloud Computing”**  
in Transactions on Large-Scale Data  
and Knowledge Centered Systems (TLDKS), Springer

Nowadays many providers of cloud services (IaaS, SaaS, PaaS, DaaS, ...) emphasize the many benefits of outsourcing application into a private or public cloud. For instance, cloud computing reduces spending on technology infrastructure, improves accessibility, etc. Moreover, cloud architectures are resilient in scaling IT resources up and down on-demand, by which cloud services are able to adapt to dynamically changing business requirements.

In other words, it is suggested that cloud computing represents a mature technology that is ready to be massively used. The truth is that cloud computing still requires lots of research. Many actors of academia and industry are concerned about cloud security, privacy, availability, data protection, interoperability, etc.

The TLDKS special issue on Cloud Computing is devoted to provide an opportunity to disseminate original research contributions and a high quality communication platform for researchers and practitioners.

## Topics of Interest

Topics of interest include, but are not limited to:

- Cloud Applications, Infrastructures and Platforms
- Service-Oriented Architectures in Cloud Computing;
- Cloud Resource Selection, Composition, Provisioning and Allocation;
- Cloud Service Development Process Modelling;
- Service Ontologies and Knowledge Management;
- Personalization of Cloud Services;
- Formal Models and Methods for Cloud Computing / Services Computing;
- Security and Privacy for the Clouds;
- Advancing Cloud SLA Management, Business Models and Pricing Policies;
- Semantic Interoperability Techniques for Heterogeneous Cloud Services;
- Multi-Clouds / Federated Clouds;

- Innovative Cloud-based Architectures and Techniques for Big Data Analytics;
- Client- and User-Community Centric Cloud Computing;
- Large-Scale Sensor Systems / Large-Scale Cyber-Physical Systems
- Mobile Clouds;
- Location Based Services, Presence, Availability, and Locality;

## Submission Guideline

Authors are kindly invited to submit original research papers which are not submitted or accepted for publication in any other workshop, conference, or journal. The manuscript must be in English, formatted in LNCS proceeding style and submitted in pdf. Please follow the instructions at <http://www.springer.de/comp/lncs/authors.html>. We encourage you to submit a paper between 20-30 pages in length, although there is no strict page limit. All papers must be submitted electronically via e-mail to Gabriela Wagner <[gwagner@dexa.org](mailto:gwagner@dexa.org)>.

Submitted papers are carefully evaluated based on originality, significance, technical soundness and clarity of exposition by at least two reviewers.

Reviewers are asked to provide a clear and justified recommendation, whether to accept a paper without or with minor changes, to request a major revision or to reject the paper.

Authors of the papers for which a major revision is requested in the first round are invited to submit the revised version for a second reviewing round. The result of the 2nd reviewing round is either acceptance (with or without minor changes) or rejection.

## Important Dates

Submission of full paper	: September 1, 2015
Notification of acceptance (1st round)	: December 1, 2015
Submission of major revisions	: February 1, 2016
Notification of acceptance (2nd round)	: April 15, 2016
Submission of camera-ready version	: May 15, 2016

## Guest Editors

- Klaus-Dieter Schewe, Software Competence Center Hagenberg (SCCH), Austria
- Károly Bósa, Christian-Doppler Laboratory for Client-Centric Cloud Computing, Johannes Kepler University Linz, Austria