



CALL FOR PAPERS **CLUSTER COMPUTING, SPRINGER**

Special Issue on “[Cloud Computing, Applications and Services](#)”

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Collaborative Systems, Politehnica University Bucharest
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GUEST EDITORS

Fatos Xhafa, Technical University of Catalonia, Spain
Lonard Barolli, Fukuoka Institute of Technology, Japan
Xiaofeng Chen, Xidian University, China

SCOPE

Cloud computing has emerged as one of the most important IT infrastructures for delivering services via the public Internet and is seen as a way to increase capacity and capability to enterprises and businesses on the fly without investing in new IT infrastructure. Cloud computing builds on and extends the paradigms of Grid computing and that of utility computing through virtual servers available over the Internet. In spite of the very fast developments and increasing demands on cloud computing platforms, Cloud computing is at an early stage, and there are many research and development issues and challenges, such as in cloud computing there is no yet a standard or single architectural method, in order to leverage cloud solutions to businesses to achieve their goals.

This special issues seeks high quality submissions from the research field of Cloud computing (CC). Main topics include but are not limited to:

- Virtualization of resources in CC
- Models and architectures for CC
- CC services models
- Scheduling, allocation and migration algorithms in CC
- Data centers and Storage solution in CC
- Scalability, Reliability and Performance of CC
- API for cloud software
- Security in CC
- Maintenance and cost of CC
- Emerging CC applications in Businesses

IMPORTANT DATES

- **Invitation to authors of selected papers: 15th October 2012**
- **Submission of extended papers due to the journal: 30th December 2012**
- **First round review Results: 28th February 2013**
- **Revised papers due for submission: 30th April 2013**
- **Second round review results : 30th May 2013**
- **Final version of accepted papers and sources due to the journal: 30th June 2013**

SUBMISSION GUIDELINES

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The authors should prepare their manuscript following the formatting guidelines that can be found at [Instructions for Authors](#) (LaTeX typesetting is strongly suggested for manuscript edition). All manuscripts should be submitted online at <http://www.editorialmanager.com/clus> the authors should select "**SI: Cloud Computing**" when they reach the "Article Type" step in the submission process. For further questions or inquiries, please contact the corresponding Guest Editor Prof Fatos Xhafa (see contact details below).

CONTACT

Fatos Xhafa

Corresponding Guest Editor

Technical University of Catalonia, Spain

Email: [fatos at lsi.upc.edu](mailto:fatos@lsi.upc.edu)

Universitat Politècnica de Catalunya, BarcelonaTech,

Campus Nord, Ed. Omega

C/Jordi Girona 1-3

08034 Barcelona, SPAIN