

# Call For Papers

## Special Issue Proposal for CCPE Journal, Wiley

### Theme: Advanced Techniques for Efficient, Reliable and Secure Cloud Storage

Cloud computing paradigm builds on the foundations of distributed computing, grid computing, virtualization, service orientation, etc. Cloud storage, which is one of the most attractive cloud services, offers numerous benefits from both the technology and functionality perspectives such as increased availability, flexibility, and functionality. Cloud environment needs to manage data center virtualization, lower cost and boost reliability by consolidating systems in the cloud.

However, the new environment creates major data management challenges such as efficient and reliable remote storage, online data query processing, data integrity, outsourcing computation and secure virtualization. All these efficiency and security issues should be carefully studied and solved to enable the wide deployment and adoption of cloud computing.

### Topics

The purpose of the proposed Special Issue is to publish recent advances in cloud storage, with emphasis on the following aspects, but certainly not limited to:

- Technique for Data Storage in Hybrid Cloud
- Software and Data Segregation Security
- Cloud Data Integrity
- Access Control and Authentication for Cloud Data
- Storage in Mobile Cloud Computing
- Management of Virtualized Resources
- Failure Detection and Prediction
- Data Deduplication
- Availability, Recovery and Auditing
- Wireless Cloud Storage
- Secure and Outsourcing Cloud Computation
- Scalability and Memory Issues for Big Data Processing in Clouds

This issue is an open special issue where everyone is encouraged to submit papers. Each paper will go through a rigorous peer-review process.

### Proposed Guest Editors

Fatos Xhafa (fatos.xhafa at gmail.com)  
Technical University of Catalonia, Spain  
Leonard Barolli  
Fukuoka Institute of Technology, Japan

### Important Dates

<b>Submission Due</b>	Oct. 15, 2016
<b>1<sup>st</sup> Round Notification</b>	Nov. 30, 2016
<b>Revision</b>	Dec. 30, 2016
<b>2<sup>nd</sup> Round Notification</b>	January 15, 2017
<b>Final Notification</b>	January. 30, 2017

### Potential Reviewers

Potential reviewers are the experts in the research areas all over the world, who will be mainly selected from INCoS-2016 program committees. Please refer to <http://voyager.ce.fit.ac.jp/conf/incos/2016/index.html> for the full list.