



Edge Hill University



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Mark Anderson, Edge Hill University, UK

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 Geyong Min, University of Bradford, UK
 Nigel Thomas, Newcastle University, UK

Important Dates

Submission Date **30 June**
 Notification Date **20 July**
 Camera Ready **31 July**
 Early Registration **31 July**
 Late Registration **8 Nov.**

Information on registration, workshop venue and travelling is available at ICITST -10 website

<http://www.icitst.org/Home.htm>

1st international workshop on Cloud Applications and Security (CAS'10)

in conjunction with

The 5th International Conference for Internet Technology and Secured Transactions (ICITST-2010)

November 8-11, 2010, London, UK

The aim of this workshop is to bring together researchers and practitioners from academia and industry to discuss and advance the state of the art in the development and security of applications utilising Cloud Computing. Cloud computing is an emerging research topic widely discussed within the community of distributed systems and Grid computing experts. It promises to vastly change the implementation, usage and management of computing systems both in the public and private sector. The proposed benefits of the technology would offer reduced overheads by removing procurement and charging by usage, ultimately delivering computing as a utility. An additional feature is the extensibility of clouds; enabling allocated resources to expand and contract dependent upon the requirements for usage. The potential gains lie not only with the efficient allocation of resources, but also a green utilization of resources by maximizing the usage of a resource through the dynamic reallocation of jobs to cloud resources. The adoption of such technology by organisations clearly carries a number of significant benefits to the computing research community, such as dynamic provisioning of data and software to support project tasks. However, there are also a number of associated challenges which must be considered prior to a widespread uptake of Cloud Computing as a major computing architecture. In particular, the legal and technical management of the systems, the data and the services provided need to be investigated. CAS'10 workshop, therefore aims to connect and allow sharing ideas, problems and solutions between those researchers and practitioners that face Cloud challenges.

Original papers are invited on all relevant topics of Cloud Computing but papers on or related to the topics listed below are particularly welcome.

Workshop Topics

- Cloud applications
- Cloud technology
- Security issues in Cloud
- Legal issues in cloud
- New standards of security and privacy for Cloud application
- Tools and techniques for developing and managing applications in cloud
- New architectures and design methods for developing cloud services
- QoS in Cloud
- Legacy systems in cloud
- Benefits of cloud
- Green utilization of resources in Cloud
- Application of cloud in private and public sectors/ case studies

All the Accepted papers will appear in the proceedings published by IEEE and fully indexed by

Paper Submission

Paper formatting and submission instructions are available at ICITST -2010 Paper Submission page (URL: <http://www.icitst.org/Paper%20Submission.html>)

For further information regarding the workshop and paper submission, please contact Workshop Chairs Pereirae@edgehill.ac.uk or mark.anderson@edgehill.ac.uk