Multimedia and Security Services

in Mobile Cloud Computing

Recent advances in cloud computing technologies provide the ability to pervasively use geographically-distributed resources with a single integrated computing platform. A variety of heterogeneous distributed resources, such as clusters, PCs, workstations, data storage devices or specific scientific instruments, are utilized and shared in cloud computing systems. There is a strong trend that enormous services will be provisioned to the mobile users, so mobile cloud computing is becoming a hot spot in terms of research as well as real applications. Multimedia would be part of the dominant services in this area. At the same time, without security considerations, any application would not be deployed widely.

Therefore, the discovery and integration of cloud resources and services on mobile devices has become feasible in terms of the combination of cloud computing and mobile multimedia and security services used in various cloud applications. Thus this session intends to foster the state-of-the-art research in the areas of mobile cloud computing, including technologies, and applications, with focus on the multimedia ans security services. We encourage the submission of innovative and mature results in designing, analyzing, and developing mobile cloud computing techniques, services, and applications. Areas of interest include, but are not limited to, the following topics:

- Cloud, grid, and cluster integration
- Programming models, tools and environments
- Cloud application and deployment environments
- Theory and practice of mobile cloud services and applications
- Performance evaluation and modeling, measurement technology for cloud hardware and middleware
- Cloud Infrastructure, architecture, system, middleware, and toolkits
- P2P technology peer-to-peer techniques for cloud computing
- Client GUI of mobile cloud computing
- Multimedia architecure and models for mobilt cloud computing
- Management systems for cloud computing
- Resource management, reservation, scheduling, and load balancing
- Performance evaluation and modeling
- Security services and protocols in cloud computing

Paper Submission

Authors are invited to submit original papers they must not substantially duplicate work that any of the authors have published elsewhere or have submitted in parallel to any other conferences that have proceedings. Papers must be written in English and must be in standard IEEE conference format limited to a maximum of 6 pages. The proceedings of the workshop will be published by IEEE Computer Society Press and indexed by EI. All submissions will be handled electronically through submission system at http://bit.kuas.edu.tw/~iihmsp10/ and must be in PDF.

Important Dates

¡¡Submission Deadline : May 10, 2010
¡¡Authors Notification : May 31, 2010
¡¡Date for camera-ready paper submission: July 2, 2010
¡¡Session Date : October 16, 2010

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