



PORTO ALEGRE, BRAZIL - 26,27 NOV 2012 - CALL FOR PAPERS

The Cloud Computing and communications paradigm has defined unprecedented business models, promoting on-demand computing resource allocation, elastic scaling, and elimination of up-front costs. Capitalizing on paradigms such as virtualization, utility computing, grid computing, and service oriented architectures, cloud computing and communications has already changed the way we compute and communicate. To cope with numerous technological challenges for the support of diverse services and application, the First IEEE Latin American Conference on Cloud Computing and Communications invites your submission. Submissions are sought on the following topics but not restricted to:

- Cloud architectures
- Infrastructure core services
- SaaS/PaaS/IaaS/NaaS
- Public, private, and hybrid clouds
- Cloud-based multimedia services
- Green Clouds
- Cloud management
- Mobile Cloud services
- Social network in Clouds
- Federated Clouds
- Virtualization platforms
- Middleware for cloud environments
- Network architecture for data center
- Optical interconnects
- Mechanisms and protocols to support QoS/QoE
- Service level agreements and business models
- Resource provisioning and scheduling
- Cloud platforms and testbeds
- Load balancing
- Policy driven service/resource life-cycle management
- Privacy and security
- Measurement and Monitoring
- Dependability and fault tolerance
- Performance evaluation and modeling
- Applications and services enabled by virtualized infrastructures
- Data management in Clouds
- Metadata and schemas
- Service-oriented architecture in Cloud computing
- Service composition and orchestration
- Management of scientific models and workflows
- Cloud computing and communications in industry and IT business

Important Dates

Paper Submission: Sept 21st, 2012
Acceptance Notification: Nov 1st, 2012
Final Version: Nov 15th, 2012

www.ieee-latincloud.org

General chair: Lisandro Zambenedetti Granville, Federal University of Rio Grande do Sul, Brazil
Local arrangement chair: Cristiano Bonato Both, Federal University of Rio Grande do Sul, Brazil
TPC co-chairs: Edmundo Madeira, University of Campinas, Brazil
Nelson L. S. Fonseca, University of Campinas, Brazil
Steering committee chair: Nelson L. S. Fonseca, University of Campinas, Brazil
Keynote chair: Thais Batista, Federal University of Rio Grande do Norte, Brazil