AFRICOMM
e-Infrastructures and e-Services for Developing Countries

Call for Papers

Yaoundé, Cameroon
12-14 November, 2012
http://africommconference.org/2012

Endorsed by:

EAI | European Alliance for Innovation

IEEE Advancing Technology for Humanity

HIGHLIGHTS
- The event is endorsed by the European Alliance for Innovation, a leading community-based organisation devoted to the advancement of innovation in the field of ICT
- All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries
- Proceedings will be submitted for indexing by Google Scholar, ISI, EI Compendex, Scopus and many more

SCOPE

AFRICOMM'2012 is an annual conference with aim of addressing Information and Communication Technologies for Developing Countries (ICT4DCs). It is the fourth of the series that includes workshops, tutorials, demos and a student track. Research papers may have conceptual as well as practical focus. In particular real-world experience reports are strongly encouraged.

This Student Call for Paper is to support and encourage research at the graduate level. Papers may be based on research undertaken for a Master's thesis, a Ph.D. dissertation, or other supervised analytical writing. It may also be based on Master's or PhD's work in progress. A paper may be submitted to the main conference or to the student special CFP, but not to both. Papers with multiple student authors are acceptable.

Publishing and indexing

Accepted papers will be published in Springer's LNICST series and will appear in the SpringerLink, one of the largest digital libraries online that covers a variety of scientific disciplines, as well as in the ICST's own EU Digital Library (EUDL). LNICST volumes are submitted for inclusion to leading indexing services, including DBLP, Google Scholar, ACM Digital Library, ISI Proceedings, EI Engineering Index, CrossRef, Scopus.
See http://www.springer.com/computer/lncs?SGWID=0-164-6-1068921-0 for more information about indexing.

Submission

The page limit for student research papers is four pages, demo descriptions and posters are limited to two-pages. All contributions should be formatted according to the LNICST Conference Publishing Services formatting instructions, including figures and references. All submissions must be in English.
Please visit the conference website for detailed submission instructions:
http://www.africommconference.org. The student author of each accepted contribution will be required to register and present the work at the conference in the required track.

IMPORTANT DATES

Paper submission deadline:
July 28, 2012
Author notification deadline:
August 25, 2012
Camera-ready submission deadline:
September 29, 2012
Posters/Demos
September 29, 2012

Proposals to contribute are very welcomed and should focus on some of the following aspects:

Communication Infrastructures in Developing Countries

- Design and analysis of protocols and architectures for developing countries
- Existing and emerging wireless broadband access technologies, such as WiMAX, LTE, etc.
- Innovations in femtocells, picocells and relay network technologies
- Cognitive radio and advanced spectrum management methods
- Self-managed deployment, operation, and maintenance of IT infrastructures
- Machine-to-machine (M2M) communications in developing country environments
- Exploitation of delay-tolerant networking
- Cooperative communications and networking
- Energy-aware ICT infrastructure, e.g., energy aware systems and networking
- ICT infrastructures based on alternative energies
- Network and IT security issues in developing countries
- Overlay networks (such as p2p, bitTorrent, etc) in developing countries
- ICT infrastructures for critical environmental conditions
- Testbeds and reference implementation for validating infrastructure requirements and   usage
- Critical information infrastructure protection (CIIP)
- Geographic Information systems and   applications
- ICT policy and regulations

Electronic Service for Developing Countries

- Experiences and applications in areas such as:
  e-health, e-learning, e-agriculture, e-business, e-government, and e-participation
- Mobile health information systems, including voice-based interfaces
- ICT for development
- Mobile-based services and applications
- Mobile computing for next generation phones
- Cloud services (or specifically, mobile cloud services)
- Service creation environments, service delivery platforms
- Telco 2.0 vs over-the-top (OTT) services
- Emergency and disaster management
- Open source and open source models for e-services
- Participatory design and living labs
- E-services for environmental sustainability

ICT Policy and Regulatory Issues for Developing Countries

- Change management, interoperability, and standards

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