ISTᴓfrica

IST-Africa 2006
Conference and Exhibition

Announcement and Call for Papers

3 – 5 May 2006
Pretoria, South Africa

IST-Africa 2006 Major Sponsors

Technical Co-sponsor

European Commission

Information Society and Media

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Introduction

The **IST-Africa 2006** Conference takes place in Pretoria, South Africa. This is the first in a series of Annual Conferences supported by the European Commission, which will bring together delegates from commercial, government & research organisations across Africa and from Europe, to bridge the Digital Divide by sharing knowledge, experience, lessons learnt and good practice.

The goals of the IST-Africa Conference Series are Community Building to facilitate EU-African research cooperation and successful exploitation of research results, to stimulate take-up of RTD results by industry, Small and Medium Sized Businesses and the public sector, to promote knowledge sharing between commercial organizations, government agencies and the research community, to exchange experiences about the current state of eAdoption at a sectoral, national or regional level, and to support International Cooperation and open up the European Research Area (ERA) to Africa.

Conference Focus

IST-Africa 2006 will focus on Applied IST research topics addressing major societal and economic challenges, which is part of the European Commission's Information Society Technologies (IST) programme. The programme combines strategic keynote presentations, technical and policy papers, case studies, workshops, an exhibition and social activities.

The IST-Africa Conference will provide a collegiate setting for presentations and discussions of national and regional developments, issues of concern and good practice models. It will also provide an excellent networking environment for delegates (including IST-Africa workshop delegates) to discuss problems, share knowledge, obtain feedback, and learn more about opportunities to participate in IST Calls under FP7.

IST-Africa 2006 will provide a forum to *showcase the achievements* of FP6 and Regional, National and International ICT related initiatives in Africa, and *look forward to the future* by focusing on relevant thematic priorities of FP7. The 'European Research Area' (ERA) and research priorities and trends for the future will also be discussed.

Thematic Priorities

Core thematic priorities for IST-Africa 2006 are:
- eBusiness - Future Forms of Organisations, Technology and Applications
- eGovernment – Services to Citizens and Business, Organisational Transformation
- eHealth – Services to Citizens
- eLearning and ICT Skills
- ICT for Agriculture

Related themes include but are not restricted to:
- eAdoption and eInclusion – national, regional and sectoral case studies and policy issues
- Collaborative learning
- Culture and language – impact on eAdoption
- Digital Content & Digital Rights Management – issues, applications & technologies
- eDemocracy , eVoting, eParticipation
- Future Emerging Technologies
- GRID – issues, applications and technologies
- ICT for Development
- Interoperability and Standardisation
- Knowledge management and technologies
- Learning organizations
- Lifelong Learning
- Mobility – issues, applications & technologies
- Networked, Smart and Virtual Organisations
- Open Source Content
- Open Source Technologies and Applications
- Trust & Confidence

Related topics for papers or sessions may include:
- ASP solutions – markets, threats, opportunities
- Best Practice Models – Lessons Learnt
- Digital Ecosystems for SMEs
- eMarketplaces and eProcurement
- Identity Management and Authentication
- Innovation & Technology Transfer
- Legal and Regulatory Challenges for IST
- Measuring and Benchmarking
- New Working Environments
- Opportunities created by Globalization
- Payment Systems
- Sectoral & Regional Developments
- Security and Privacy Enhancing Methods
- Semantic web - applications & case studies
- Success factors for deployment of eServices and recent experiences of deployment

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Plenary Session Speakers

Keynote presentations will focus on strategic issues related to eGovernment, eHealth, eLearning and ICT Skills, ICT for Agriculture and International Co-operation.

Keynote speakers already include:
- Mosibudi Mangena, Minister of Science and Technology, South Africa
- Ingo Juraske, VP EMEA, Hewlett-Packard Europe
- Venâncio Massingue, Minister of Science and Technology, Mozambique

Mosibudi Mangena
Minister DST

Venâncio Massingue
Minister MCT

Ingo Juraske
HP Europe

Submission of Papers

Paper submissions are now invited for IST-Africa 2006. The conference language is English and submissions should be for technical or visionary papers, and business or government case studies within the scope of the conference. *Papers (4,000 – 5,000* words) using the *IST-Africa Paper Template*, must be registered on the conference portal (www.IST-Africa.org) by *30th November 2005*.

Your paper structure should incorporate:
- Abstract (Paper summary in 150 – 250 words)
- Introduction - Issues to be addressed
- Objectives of your paper
- Methodology Used
- Technology or Business Case Description
- Conclusions and Summary Recommendations
- References

It should *focus on a research or eAdoption topic* on which a case study, initial or final results can be published. General project descriptions are not appropriate. All papers must *highlight the level of innovation and actual or expected impact*. Criteria for proposals for workshop sessions are provided on www.IST-Africa.org.

As all papers will be double blind peer reviewed, please ensure that *no contact details* are provided within the text or Properties of the paper submitted. All contact details will be submitted online as part of the Registration and Submission Process.

Papers or sessions can take the form of:
- Presentation of innovative ICT achievements
- Presentation of eAdoption achievements
- Lessons learnt from case studies, regional and national programmes and initiatives
- Discussion of future oriented technologies
- Discussion of existing and emerging standards
- Discussion of ERA or future oriented issues
- Discussion of current status of eAdoption in a specific industry sector, country or region
- Discussion of legal and contractual issues

It is a condition of submitting a paper that (a) authors act on feedback and comments provided by the International Programme Committee (IPC) to ensure high quality conference proceedings, (b) presenters act on feedback provided by their Session Chair to ensure high quality presentations, and (c) presenters register and pay the participant's fee by 28th February, before the papers are sent to the publisher.

Publishing schedule for IST-Africa 2006

- Draft Final Paper and workshop proposals submitted by *30th November 2005*
- Provisional acceptance of draft final papers with IPC feedback provided by *31st January*
- Final papers to be delivered electronically by *28th February* for editorial review and quality check

Conference Proceedings

The IST-Africa 2006 conference proceedings will be published on CD-ROM and on the Conference Portal. Each delegate will receive a free copy of the conference proceedings at Registration.

Following the conference, registered delegates will have access to all PowerPoint presentations, which will be published on the Conference Portal.

www.IST-Africa.org

International Programme Committee

A distinguished Programme Committee has been formed to review and provide feedback on papers and presentations and chair sessions.

The IST-Africa 2006 Programme Committee includes
Paul Cunningham, IIMC, Ireland (**Chair**)
Pierre Abeillé, F'SATIE, South Africa
Henry Alamango, COMNET-IT, Malta
Daniel Annerose, Manobi, Senegal
Douglas Batchelor, Nokia, South Africa
Dr Karel Charvat, EFITA, Czech Republic
Laurens Cloete, Meraka Institute, South Africa
Prof. Johannes Cronje, University of Pretoria, South Africa
Miriam Cunningham, IIMC, Ireland
Dr Mike Joy, University of Warwick, UK
Prof. Bernhard Katzy, CeTIM, Germany
Roger Layton, Computer Society of South Africa
Ilari Lindy, Finnish Ministry of Foreign Affairs, South Africa
Gareth MacNaughton, Hewlett-Packard Europe, Belgium
Mary Mallon, C2K, UK
Dr. Salomão Manhiça, UTICT, Mozambique
Prof. Maurice Mars, University of KwaZulu-Natal, South Africa
Gianluca Misuraca, EPFL, Switzerland
Dr. Kgomotso Moahi, University of Botswana
Prof. Georges De Moor, State University of Ghent, Belgium
Enock Mpenzwa, COSTECH, Tanzania
Américo Muchanga, Eduardo Mondlane University, Mozambique
Mícheál Ó Foghlú, TSSG, WIT, Ireland
Kevin Painting, CTA, Netherlands
Maggy Pézeril, Pôle Universitaire Européen, France
Matti Sinko, Helsinki University of Technology, Finland
Richard Stevens, Gruppo Formula, Italy
Prof. Erkki Sutinen, University of Joensuu, Finland
Daan du Toit, Department of Science & Technology, South Africa
Prof. Roland Traunmuller, Johannes Kepler University Linz, Austria
Dr Harold Wesso, Provincial Government of the Western Cape, South Africa

Organising Committee

Miriam Cunningham, IIMC, Ireland
Saloshni Naidoo, Meraka Institute, South Africa
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Exhibition

An important aspect of this Conference Series is the annual exhibition, which showcases innovative research results and applications through technology demonstrations and posters.

Participation in the Exhibition is rewarding, as it provides those involved in commercial, national, regional or European funded eAdoption and ICT research with a valuable opportunity to develop greater market awareness and build contacts and relationships with potential partners.

To maximise demonstration and networking opportunities for exhibitors, all lunches and coffee breaks are held in the Exhibition area.

Demonstration stands are reserved for live technology demonstrations, but can feature early stage prototypes or a pre-commercial launch to a highly targeted and knowledgeable community.

Proposals for demonstration stands and poster spaces will be evaluated on a first come, first served basis under the Exhibition Call, which will be published in December 2005.

Sponsors

IST-Africa 2006 offers a variety of Sponsorship Opportunities to enhance your organisation's image & standing with the international IST research community. Prominent notice will be given to sponsors on the conference portal, in the Exhibition area and in press releases together with other benefits and promotional opportunities.

Major sponsors for IST-Africa 2006 include the European Commission, the South African Department of Science and Technology, the Embassy of Finland South Africa, and Hewlett-Packard Europe. Supporting organisations include the Technical Centre for Agricultural and Rural Cooperation (CTA).

Technical Co-sponsors include IEEE Region 8 (Europe, Middle East, Africa), IEEE South Africa Section, IEEE South Africa Computer Chapter, IEEE UKRI Computer Chapter and IEEE Control and Communications (Ireland) Joint Chapter.

Social Activities

The IST-Africa 2006 social programme will include a sponsored gala reception and weekend excursions following the conference.

www.IST-Africa.org