



# IST-Africa 2009

## Final Programme



Uganda, 6 - 8 May 2009

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the European Commission  
under the ICT Programme

Host Government



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# ISTO@frica



# Introduction

**IST-Africa 2009** Conference & Exhibition takes place 06 - 08 May 2009 in Kampala, Uganda. Part of the **IST-Africa Initiative**, which is supported by the European Commission under the ICT Theme of Framework Programme 7 (FP7), **IST-Africa 2009** is the fourth in an Annual Conference Series bringing together delegates from leading commercial, government & research organisations, to bridge the Digital Divide by sharing knowledge, experience, lessons learnt & good practice.

European research activities are structured around consecutive multi-annual programmes, or so-called Framework Programmes. FP7 sets out the priorities - including the ICT Priority - for the period 2007 - 2013. ICT is fully open to international co-operation with the aim to join forces for addressing major challenges where significant added value is expected to be gained from a world-wide R&D cooperation. In this context, the European Commission co-funded the **IST-Africa Initiative** in order to promote the participation of African organisations to the ICT programme.

Hosted by the Government of Uganda through the Ministry of Information and Communications Technology (ICT) and Technically Co-Sponsored by IEEE, **IST-Africa 2009** focuses on the Role of ICT for Africa's Development and specifically on Applied ICT research in the areas of eHealth, Technology Enhanced Learning and ICT Skills, Open Source Software, ICT for Inclusion, eInfrastructures, ICT for Environmental Risk Management, ICT for Networked Enterprise and eGovernment and eDemocracy. **IST-Africa 2009** will provide a collegiate setting for presentations and discussions of national & regional developments, issues of concern & good practice models, and networking with peers. **IST-Africa 2009** will also provide an opportunity to learn more about opportunities to participate in ICT Calls under Framework Programme 7 (FP7) and identify potential partners for future proposals.

**IST-Africa** directly supports the goals of the Africa-EU Partnership on Science, Information Society and Space, the African Ministerial Council on Science and Technology (AMCOST) and the Consolidated Plan of Action for the African Regional Action Plan on the Knowledge Economy (ARAPKE).

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 and the public sector, to promote knowledge sharing between commercial, government and research organisations, 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.

## Who will you meet?

**IST-Africa 2009** Conference & Exhibition attracts policy makers, practitioners, and researchers from leading commercial, government and research organisations around the world. Unlike many research conferences, **IST-Africa** provides an opportunity to meet with senior managers, practitioners, project managers, software engineers and researchers from industry, government and research organisations. Delegates and speakers attend to share knowledge, experience and lessons learnt, and network with their peers from around the world.

**IST-Africa 2009** Conference & Exhibition also provides the unique opportunity to identify partners and opportunities to co-operate in international research projects co-funded by the European Commission under the FP7 ICT Programme. Much of the European research results presented in this year's conference were co-funded under the FP6 IST Programme and FP7 ICT Programme.

## The Venue

**IST-Africa 2009** Conference & Exhibition takes place in the Speke/Munyonyo Resort & Conference Centre, located on the shores of Lake Victoria, 12 kms from Kampala City Centre.

## The Programme

The 3-day programme features an invigorating mix of business and government case studies, technical and policy papers and interactive workshops. As well as opening and closing plenary sessions, delegates may participate in 38 thematically focused parallel sessions featuring different aspects of International Cooperation, eHealth, eInfrastructures, Technology Enhanced Learning and ICT Skills, ICT for Inclusion, ICT for Networked Enterprise, ICT for Environmental Risk Management, and eGovernment and eDemocracy. Session Chairs will ensure active discussion and facilitate delegate participation.

In the context of focusing on the Role of ICT for Africa's Development, the Opening Plenary on Wednesday 06 May features a high level dialogue on Implementation of the Africa-EU Partnership on Science, Information Society and Space. The Closing Plenary on Friday 08 May focuses on Initiatives Supporting Development of Regional S&T.

The conference programme is complemented by a demonstration and technology exploitation focused Exhibition and a Networking Reception which will take place on Wednesday 09 May 2008.

The programme is subject to change and the **IST-Africa 2009** Organising Committee reserves the right to alter the contents, venue and/or speakers.

## Networking

Networking is a key feature of the **IST-Africa** Conference Series. Paper and workshop sessions are designed to maximise knowledge sharing by providing time for interactive discussions during the conference programme itself. Coffee breaks will take place in the Exhibition area to maximise exposure for technology demonstrations and posters and to facilitate informal one-on-one and small group discussions following paper or workshop sessions.

The Delegate Showcase on the Conference Portal allows registered delegates, speakers and exhibitors to publish their own short profile and research interests to facilitate networking before, during and after the conference. Leverage this functionality to contact potential partners in advance and arrange to meet during the conference.

## Cyber Café

**IST-Africa 2009** delegates may avail of the Internet and printing facilities provided by the **IST-Africa** Cyber Café. Make last minute changes to your conference presentation, follow up immediately on business, research and cooperation opportunities identified through networking at the conference, and keep in touch with the office, family and friends.

## Conference Proceedings

The **IST-Africa 2009** 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.

## Security, Health and Safety

Please wear your name badge for all **IST-Africa** activities, as it is your identification and allows you access to the facilities on offer. While the conference area is on a secure site and not open to the general public, it is still necessary to take care of bags, personal computers and other personal belongings.

While security staff will be present at the conference venue, the organisers cannot accept any responsibility for losses incurred or for personal health and safety. Delegates should ensure that they have personal health insurance and take due care when exploring the city of Kampala. Any special needs or requirements should be notified to the Conference Secretariat as far in advance of the event as possible.

## Hotel Accommodation

Conference rates have been negotiated for delegates and accompanying persons at the Speke/Munyonyo Resort & Conference Centre and in some neighbouring hotels in the Gaba area.

Conference hotel accommodation should be booked online on the **IST-Africa** Conference portal as part of conference registration.

Delegates are strongly recommended to book their accommodation early as it will be allocated on a first-come, first-served basis. Hotel accommodation can only be confirmed upon receipt of the associated payment. For further information, please visit:

[www.IST-Africa.org/Conference2009](http://www.IST-Africa.org/Conference2009)

## How to get there

KLM offers a direct flight to Entebbe International Airport via Amsterdam. Other carriers offering flights to Entebbe International Airport include: Air Burundi, Air France, British Airways, Egypt Air, Ethiopian Airlines, Kenya Airways, Lufthansa, SN Brussels and South African Airways.

### Transportation from Airport

Entebbe International Airport is located 40 kms north of Kampala. The main form of transportation from the airport is by taxi or pre-arranged shuttle.

All delegates should inform the Conference Secretariat of their arrival and departure details so you can be included in shuttle organised from airport. Each delegate will be informed of the costs.

Depending on traffic, it can take 1 - 1.5 hours from Entebbe airport to the City Centre and about 1 hour to Speke Resort & Conference Centre.

## Sponsors

**IST-Africa 2009** 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.

**IST-Africa 2009** Major sponsors include Ericsson Uganda, Uganda Communications Commission, Uganda Telecom Ltd and SPIDER Programme. Bronze Sponsors include Zain.

Technical Co-Sponsors include IEEE Region 8 (Europe, Middle East, Africa), IEEE South Africa Section, IEEE Ghana Section, IEEE Nigeria Section, IEEE Nigeria Computer Chapter and IEEE UKRI Computer Chapter.

For further information, please contact the Conference Secretariat at [secretariat@IST-Africa.org](mailto:secretariat@IST-Africa.org)

## Pre-Conference Workshop 04 - 05 May

Digital World Forum is organising a workshop on Wireless Access and Infrastructure, co-located with IST-Africa 2009 in Kampala on 04 - 05 May.

For more information, please visit

[www.digitalworldforum.eu](http://www.digitalworldforum.eu)



## Plenary Session Speakers



Hon. Aggrey Awori  
Minister of ICT, Uganda

Lenka Ptáčková  
Melicharová  
Deputy Minister of  
Interior, Czech Republic

Dr Sally Kosgey  
Minister for Higher  
Education, Science &  
Technology, Kenya

Hon. Alintuma Nsambu  
Minister of State  
Ministry of ICT  
Uganda

Vera Brenda Ngosi  
Director, HRST  
African Union Commission

Antti Peltomäki  
DG Information Society &  
Media, European Commission

Aida Opoku-Mensah  
Director, UNECA

Keynote Speakers confirmed as at 23 April 2009 include:

- **His Excellency Yoweri Kaguta Museveni**, President of the Republic of Uganda
- **Honourable Aggrey Awori**, Minister of Information and Communications Technology, Uganda
- **Mrs. Lenka Ptáčková Melicharová**, Deputy Minister of Interior (EU Affairs), Czech Republic (EU Presidency)
- **Honourable Dr. Sally Kosgey**, Minister for Higher Education, Science and Technology, Kenya (AMCOST Chair)
- **Honourable Dr. Ir Saidi Kibeya**, Minister of Higher Education and Scientific Research, Burundi
- **Honourable Prof. Peter Msolla**, Minister of Communications, Science and Technology, Tanzania
- **Honourable J.C. Alintuma Nsambu**, Minister of State, Ministry of ICT, Uganda
- **Honourable Pelonomi Venson-Moitsoi**, Minister for Communications, Science and Technology, Botswana
- **Mrs. Vera Brenda Ngosi**, Director, HRST, African Union Commission, Ethiopia
- **Mr. Antti Peltomäki**, Deputy Director-General, DG Information Society and Media, European Commission
- **Dr. Phil Mjwara**, Director-General, Department of Science and Technology, South Africa
- **Ms. Aida Opoku-Mensah**, Director, United Nations Economic Commission for Africa
- **Dr. Ham-Mukasa Mulira**, Senior Presidential Adviser on Information and Communications Technology, Uganda
- **Ambassador Vincent De Visscher**, Head of the European Commission's Delegation, Uganda
- **Dr. Philippe Mawoko**, Programme Coordinator, ASTII Initiative, NEPAD S&T
- **Mr. Hans Piet**, Ericsson Uganda
- **Mr. Francis Egbuson**, Uganda Telecom Ltd
- **Mr. Stijn van der Krogt**, Director Country Programmes, IICD, Netherlands
- **Mr. Ilari Lindy**, Advisor, Information Society for Development, Ministry for Foreign Affairs of Finland
- **Mr. Thierry Devars**, DG Information Society and Media, European Commission, Belgium
- **Ms. Karoline Beronius**, SPIDER- The Swedish Program for ICT in Developing Regions, Sweden

## 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 2009** International Programme Committee includes

- **Paul Cunningham**, IIMC, Ireland (Conference Chair)
- **Prof. Jørn Braa**, Oslo University Norway
- **Laurens Cloete**, Meraka Institute, South Africa
- **Prof. Johannes Cronje**, Cape Peninsula University of Technology, South Africa
- **Miriam Cunningham**, IIMC, Ireland
- **Prof. Love Ekenberg**, University of Stockholm, Sweden
- **Dr. Mike Joy**, University of Warwick, UK
- **Prof. Bernhard Katzy**, CeTIM, Germany
- **Ilari Lindy**, Ministry for Foreign Affairs, Finland
- **Gareth MacNaughton**, Lane & Hapiak Consulting, UK
- **Prof. Sunil Maharaj**, University of Pretoria, South Africa
- **Prof. Maurice Mars**, University of KwaZulu-Natal, South Africa
- **Namugenyi Loi Mirembe**, Uganda National Council for Science & Technology, Uganda
- **Micheál Ó Foghlú**, TSSG, WIT, Ireland
- **Dr. 'Dele Oluwade**, Federal University of Technology, Nigeria
- **Maggy Pézeril**, Pôle Universitaire Européen, France
- **Bernard Stevenot**, SpaceBel, Belgium
- **Richard Stevens**, European Genetics Foundation, Italy
- **Prof. Erkki Sutinen**, University of Joensuu, Finland
- **Prof. Wallace Taylor**, TISI, South Africa

- **Daan du Toit**, Senior S&T Representative in Europe, Department of Science & Technology, South Africa
- **Maseqobela Williams**, Ministry of Communications, Science & Technology, Lesotho
- **Prof Frank Wang**, Cranfield University, United Kingdom
- **Dr. Harold Wesso**, eSkills Institute, South Africa

## Organising Committee

- **Miriam Cunningham**, IIMC, Ireland
- **Paul Cunningham**, IIMC, Ireland
- **Maxwell Otim**, Uganda National Council of Science and Technology
- **Gloria Katuuku**, Ministry of Information and Communications Technology (ICT), Uganda
- **Simon Onyango**, Ministry of Information and Communications Technology (ICT), Uganda



## Conference Secretariat

IIMC Ltd  
13 Docklands Innovation Park, 128 East Wall Road,  
Dublin 3, Ireland  
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e-mail: [secretariat@IST-Africa.org](mailto:secretariat@IST-Africa.org)



# Wednesday, May 06, 2009

08:00

Registration

09:00

Opening Plenary 1a

**Official Opening & Welcome Address**

His Excellency Yoweri Kaguta Museveni, President of the Republic of Uganda

**ICT Initiatives in Uganda**

Honourable Aggrey Awori, Minister of Information and Communications Technology (ICT), Uganda

**Opening Remarks - EU Presidency**

Mrs. Lenka Ptáčeková Melicharová, Deputy Minister of Interior, Czech Republic

**European Commissioner for Development's Welcome Address**

Ambassador Vincent De Visscher, Head of the European Commission's Delegation, Uganda

**Opening Remarks**

Mr Antti Peltomäki, Deputy Director-General, DG Information Society and Media, European Commission

**AUC Keynote Address**

Mrs. Vera Brenda Ngosi, Director, HRST, African Union Commission, Ethiopia

**AMCOST Consolidated Plan of Action**

Honourable Dr. Sally Kosgey, Minister for Higher Education, Science and Technology, Kenya

10:15 Coffee Break

Exhibition &amp; Networking

10:45 **Plenary 2a: High-level Round Table on the Implementation of the Africa-EU Partnership on Science, Information Society and Space**

Facilitator: **Paul Cunningham, IIMC Ltd, Ireland**

**Panel Participants include:**

Honourable Aggrey Awori, Minister of Information and Communications Technology (ICT), Uganda

Mrs. Lenka Ptáčeková Melicharová, Deputy Minister of Interior, Czech Republic

Honourable Dr. Sally Kosgey, Minister for Higher Education, Science and Technology, Kenya

Honourable Dr. Ir Saidi Kibeya, Minister of Higher Education and Scientific Research, Burundi

Honourable Prof. Peter Msolla, Minister of Communications, Science and Technology, Tanzania

Honourable Pelonomi Venson-Moitsoi, Minister for Communications, Science and Technology, Botswana

Mrs Vera Brenda Ngosi, Director, HRST, African Union Commission, Ethiopia

Mr Antti Peltomäki, Deputy Director-General, DG Information Society and Media, European Commission

Dr. Phil Mjwara, Director-General, Department of Science and Technology, South Africa

Ms. Aida Opoku-Mensah, Director, United Nations Economic Commission for Africa

Dr. Ham-Mukasa Mulira, Senior Presidential Adviser on Information and Communications Technology (ICT), Uganda

Dr. Philippe Mawoko, Programme Coordinator, African Science, Technology and Innovation Indicators (ASTII) Initiative, NEPAD S&T

Mr. Hans Piet, Ericsson Uganda

Mr Ilari Lindy, Advisor, Information Society for Development, Ministry for Foreign Affairs of Finland

Mr Francis Egbuson, Uganda Telecom

12:45 Lunch

Exhibition &amp; Networking

14:00 Workshop 3a

ICT Initiatives in Uganda

Chair: **Patrick Masamba, Uganda Communications Commission, Uganda**

**URAnet**

Sam Nakabaale, Uganda Revenue Authority

**Integrated Financial Management Systems (IFMS)**

Planning and Economic Development, Ministry of Finance, Uganda

**Business Process Outsourcing**

Godfrey Kibuuka, Ministry of Information and Communications Technology, Uganda

**National Backbone Infrastructure Project**

David Turahi, Ministry of Information and Communications Technology, Uganda

**Private Sector Presentations will be published in April**

14:00 Session 3b **eGovernment - Models, Measurement and Implementation Challenges**

Chair: **Hon. Edward Baliddawa, Parliament of Uganda**

**Improving Information Dissemination and Knowledge Sharing in Local Governments in Uganda: The e-Governance Model**

Joseph Kasumba Ssewanyana, Makerere University, Uganda

**Enabling Infrastructures for eGovernment**

Annamaria Raviola, SELEX Communications S.p.A., Italy

**Facing the Challenges of ICT Implementation in Government**

David Gichoya, Moi University, Kenya

**Kenya Strategies on the Application of ICT in eGovernment**

Jacob Njagi, Ministry of Higher Education, Science and Technology, Kenya

14:00 Workshop 3c

ICT for Disaster Management in Africa I

Co-Chairs: **Dr. Anwar Vahed, CSIR, South Africa and Bernard Stevenot, Spacebel, Belgium**

**Introduction to the Sensor Web and its applicability for Disaster Management**

Anwar Vahed, Meraka Institute, CSIR, South Africa

**Disaster Management in Mozambique**

Augusto Nunes, ICT Policy Implementation Technical Unit (UTICT), Mozambique

**Integrated Risk Management in South Africa: Between Technological Features and Organizational Reality**

Anwar Vahed, Meraka Institute, CSIR, South Africa

**Disaster Management in Senegal**

Malick Diagne, Centre de Suivi Ecologique, Senegal

14:00 Workshop 3d

UNESCO-HP Brain Gain Project: Pilot Solutions

Chair: **Martin Antony Walker, France**

**Introduction to UNESCO-HP Brain Gain Project**

Liliana Simionescu, UNESCO & Arnaud Pierson, Hewlett-Packard

**The UNESCO-HP Brain-Gain Project: Context and Development**

Martin Antony Walker, France

**The EPIKH Project**

Roberto Barbera, University of Catania, INFN/Consorzio COMETA, Italy

**The South African National Compute Grid**

Bruce Becker, Meraka Institute, South Africa

15:30 Coffee Break

Exhibition &amp; Networking

16:00 Workshop 4a

Digital World Forum

Chair: **Stephane Boyera, W3C, France**

**Digital World Forum: Low-cost Technologies against the Digital Divide - Overview**

Stephane Boyera, W3C, France

**Mobile Web for Social Development**

Stephane Boyera, W3C, France

**Low-cost Information Access Device**

Cleophas Dzinotyiweyi, CSIR, South Africa

**Low-cost Broadband Access and Infrastructure**

Bruno Conquet & Max Francisco, Orange Labs, France

Discussion

16:00 Workshop 4b [eGovernment - Use of ICT in Parliaments](#)

Chair: [Vasilis Kouloulas, Gov2U, Greece](#)

**Involvement of Citizens in the Legislative Processes through use of ICT**

Aloysius Makata, Parliament of Uganda

**ICT for Productivity in Parliament: Kenya Parliament Experiences**

Clement M Nyandiere, Kenya National Assembly

**ICT Usage in the Parliament in Tanzania**

Didas Wambura, Parliament of the United Republic of Tanzania

**From the Functional to the Innovative: An Overview of ICTs in Parliaments in the SADC Region**

Marianne Gei-khoibes, National Assembly of the Parliament of Namibia

**Win Win eParticipation Model**

Miriam Ngoka, Africa i-Parliaments Action Plan, UNDESA, Kenya

Discussion

16:00 Workshop 4c [ICT for Disaster Management in Africa II](#)

Co-Chairs: [Dr. Anwar Vahed, CSIR, South Africa](#) and [Bernard Stevenot, Spacebel, Belgium](#)

**Lessons Learnt in Large Scale Interoperable IT Infrastructures**

Gerald Schimak, Austrian Research Center GmbH - ARC, Austria

**ICT for Disaster Management in Cameroon**

Bernard Stevenot, SPACEBEL, Belgium

**Earth Observation Systems for Disaster Risk Management**

Bernard Stevenot, SPACEBEL, Belgium

**The Relevance of ICT for Environmental Sustainability: A Prospective Simulation Study**

John Mahegere, Tanzania Commission for Science and Technology, Tanzania

16:00 Workshop 4d [UNESCO-HP Brain Gain Project: Pilot Solutions II](#)

Chair: [Martin Antony Walker, France](#)

**Opportunities for Research Infrastructure Cooperation under FP7**

Kostas Glinos, European Commission, Belgium

**Human Capital Remittances from Africans in Diaspora using Information Communication Technology: The Experiences of University of Nigeria**

Benjamin A. Ogwo, State University of New York, United States

**Fostering Collaboration in Renewable Energy R&D: Case Study from Ghana**

Cephas Idan, The Energy Centre, KNUST, Ghana

Discussion

16:00 Workshop 4e [eSkills - Policy Approaches & Path to South African eSkills Summit](#)

Chair: [Wallace Taylor, TISI - The Information Society Institute, South Africa](#)

Wallace Taylor, TISI, South Africa

Geoff Erwin, TISI, South Africa

Harold Wesso, DDG, Department of Communications, South Africa

**Research Capacity and Challenges in Mozambique**

Augusto Nunes, UTICT, Mozambique

**Research Capacity and Challenges in Namibia**

Immolatrix Onuegbu, Ministry of Education, Namibia

**Ideal-ist: Your Worldwide ICT Support Network in FP7**

Dunja Swierstra, Euresearch, Switzerland

09:00 Session 5b

[eGovernment - Services](#)

Chair: [Ibrahim Kariisa, State House, Uganda](#)

**The Adoption of e-Administration through e-Government Initiatives: A Case Study from Mozambique**

Teotónio Fumo, UTICT, Mozambique

**e-Government - Putting Service at your Fingertips**

Darelle Van Greunen, Nelson Mandela Metropolitan University, South Africa

**e-Government Readiness: An Information Security Perspective from East Africa**

Carina Wangwe, Parastatal Pensions Fund, Tanzania

09:00 Workshop 5c

[eHealth - Integrated Health Information Systems](#)

Chair: [Jørn Braa, University of Oslo, Norway](#)

**Initial Experiences from Designing and Implementing a Clinical Health Information System in the Primary Healthcare Sector of Rural South Africa**

Elmarie Venter, SAP Research, South Africa

**The Medical Project: Implementing an Open Source HIS in Rural Argentina**

Luis Falcon, Thymbra, Spain

**Virtuous Circle from Prototyping Approach and Flexible Standard in Health Information System in Sierra Leone**

Edem Kwame Kossi, university of Oslo, Norway

**Building E-health Information Infrastructure in Mali**

Romain-Rolland Tohouiri, ICTs Development Center, Mali

**Towards Harmonisation of Health Information Systems in Malawi: Challenges and Prospects**

Chipo Kanjo, University of Oslo, Norway

09:00 Workshop 5d

[Building a Research and Education Network Infrastructure in Africa - Policy and Infrastructure](#)

Chair: [Albert Nsengiyumva, Rwanda Education and Research Network](#)

**European Perspectives**

Antti Peltomäki, European Commission, Belgium

**AfricaConnect and African Virtual Campus Projects**

Moses Bayingana, African Union Commission, Ethiopia

**African Regulatory Situation**

Francis Tusubira, UbuntuNet Alliance, Uganda

**Availability of Links for African (sub-)regional REN Backbones**

Michael Nowlan, DANTE Ltd, Ireland

**Establishment of African Internet Exchange points in AXIS, the 2nd Lighthouse project**

Eric M.K Osiakwan, Executive Secretary AfriSPA

**ACP Community Comments**

Alec Singh, Chief Technologist@ACP

09:00 Tutorial 5e

[Digital Preservation: Challenges, Solutions, and Approaches to Accountable Planning of Digital Preservation Solutions](#)

Chair: [Andreas Rauber, Vienna University of Technology, Austria](#)

This tutorial will provide an introduction to the challenges of digital preservation and strategies to address them. The tutorial will focus on creating a preservation plan and hands on exercises.

10:30 Coffee Break

[Exhibition & Networking](#)

11:00 Workshop 6a [IST-Africa - Linking European & African Researchers](#)

Chair: [Anneline Morgan, Dept of Science and Technology, South Africa](#)

**SADC Science Technology and Innovation Engagements**

Anneline Morgan, Department of Science and Technology, South Africa

**Research Capacity and Challenges in South Africa**


Tendani Nevondo, University of the Witwatersrand, South Africa

**Research Capacity and Challenges in Botswana**

Oabona Monngakgotla, MCST, Botswana

**Research Capacity and Challenges in Lesotho**

Maseqobela Williams, MCST, Lesotho

**Thursday,**  
**May 07, 2009**  
**DAY**

09:00 Workshop 5a [IST-Africa - Linking European & African Researchers](#)

Chair: [Paul Cunningham, IIMC, Ireland](#)

**Overview of FP7 and Call 5 FP7-ICT**

Paul Cunningham, IIMC Ltd, Ireland

**Research Capacity and Challenges in Uganda**

Richard Lutalo, Uganda National Council for Science and Technology

**Research Capacity and Challenges in Tanzania**

Hamisi Nguli, Tanzania Commission for Science and Technology



### The Networked Electro Media European Technology Platform - How to Share a Vision and a Strategic Research Agenda with African Countries?

Bruno Conquet, Orange Labs, France

#### Discussion and Next Steps

11:00 Workshop 6b **eGovernment - Interoperability as Key Component for the Fast and Efficient Development of eServices**

Chair: **Vasilis Koulolias, Gov2U, Greece**

#### Interoperable Delivery of eGovernment Services in Europe: The STORK Project

Vasilis Koulolias, Gov2U, Greece

#### eID in the case of Belgium

Frank Leyman, Federal Public Service Information and Communication Technology, Belgium

#### Current Interoperability Developments in Africa / Barriers

Warren Hero, Gauteng Shared Service Centre, South Africa

#### Electronic Identity as a Structural Precondition of e-Government Implementation: Three Cases of Austria, Belgium and Bosnia and Herzegovina

Tarik Zaimovic, University of Sarajevo, Bosnia And Herzegovina

11:00 Workshop 6c **eHealth - Integrated Health Information Systems in Africa II**

Chair: **Jørn Braa, University of Oslo, Norway**

#### Institutionalization of Health Information System Standards:

**Wrestling with the Inertia of the Installed base – Zanzibar Experience**  
Edwin Nyella, University of Oslo, Norway

#### The Role of Standards on Effective Spatial Data Sharing: A Health Perspective Research Study from Mozambique

Zeferino Saugene, Universidade Eduardo Mondlane, Mozambique

#### The Sierra Leone HIS Case: Towards an Integrated Health Information Infrastructure

Romain-Rolland Tohouri, ICTs Development Center, Mali

#### Evolution of eHealth Information Systems in Africa: Case study of Rwanda

Donart Ngarambe, Kigali Institute of Science and Technology, Rwanda

11:00 Workshop 6d **Building a Research and Education Network Infrastructure in Africa - State of the Art of Research Networking in Africa**

Chair: **Moses Bayingana, African Union Commission, Ethiopia**

#### EUN - The Egyptian NREN Model

Hossam Faheem, EUN, Egypt

#### Ubuntunet Alliance

Duncan Martin, UbuntuNet Alliance, South Africa

#### NREN Development in Kenya

Meoli Kashorda, Kenya Education Network

#### RwEdNet

Albert Nsengiyumva, Rwanda Education and Research Network

#### NRENs in the making in West and Central Africa

Mumuni Dakubu, University of Ghana

11:00 Tutorial 6e **Digital Preservation: Challenges, Solutions, and Approaches to Accountable Planning of Digital Preservation Solutions II**

Chair: **Andreas Rauber, Vienna University of Technology, Austria**

12:30 Lunch

Exhibition & Networking

14:00 Session 7a **Technology Enhanced Learning - Leveraging Devices to Improve Skills**

Chair: **Erkki Sutinen, University of Joensuu, Finland**

#### How Dr Math Reaches Pupils with Competitions and Computer Games by using MXit

Laurie Butgereit, Meraka Institute, South Africa

#### MobiLED – Mobile-Led and Leading via Mobile

Adele Botha, Meraka Institute, South Africa

#### "HaDeDa": The Noisy Way to Practice Spelling Vocabulary using a Cell Phone

Laurie Butgereit, Meraka Institute, South Africa

#### Towards a Framework for Effective ICT-Skills Development in Disadvantaged Communities in South Africa

Gladstone Ndhlovu, Cape Peninsula University of Technology, South Africa

#### Hand-Crafted Programming Objects and Visual Perception

Andrew Smith, Meraka Institute, South Africa

14:00 Session 7b

ICT to Support Enterprise Development

Chair: **Laurens Cloete, Meraka Institute, South Africa**

#### Approaches Towards Effective Knowledge Management for Small and Medium Enterprises in Developing Countries - Uganda

Annabella Habinka, Mbarara University of Science and Technology, Uganda

#### Towards an e-Model for the Enhancement of Service Rendering by SMMEs Supporting Agencies in South Africa

Ernest Ketcha Ngassam, SAP Meraka, South Africa

#### Reflections on C@R: Lessons Learnt in User Interface Design

Darelle Van Greunen, SAP Research CEC PTA, South Africa

#### Building The Local Software Economy: Case of The National Software Incubation Centre, Makerere University

Michael Niyitegeka, Makerere University, Uganda

#### Critical Success Factors for Obtaining Outsourcing Projects for Uganda

Bart van der Linden, Radboud Universiteit Nijmegen, Netherlands

14:00 Session 7c

eHealth - Applications & Case Studies

Chair: **Loi Namugenyi, Uganda National Council for Science & Technology**

#### Intelligent Clinical Documents: a Way Towards Extensible Cross-Organizational Data Exchange

Juha Puustjärvi, Helsinki University of Technology, Finland

#### Microscope and Mobile Phones: Product Development in Uganda

Marijn Rijken, TNO, Netherlands

#### Ensuring Sustainability of HR Information Systems Developments through the Use of Integrated and Locally Appropriate Approaches - An Example from the Health Sector in Uganda

Deana Leadbeter, CHSS, University of Kent, United Kingdom

#### ICT4MPOWER - Improved Effectiveness of the Health System and Empowerment of Healthcare Communities in Uganda

Edward Mukooyo, Ministry of Health, Uganda

14:00 Workshop 7d **Building a Research and Education Network Infrastructure in Africa - Examples of Advanced Usage of ICT Infrastructures**

Chair: **Gerti Foest, DFN-Verein, Germany**

#### Benefits of Connection Libraries in the Region

Margaret Ngwira, UbuntuNet Alliance for Research and Education Networking, Malawi

#### Scalable Vector Graphics Approach for Realization of the Geographic Information System on Air Pollution in the African Urban Areas: Case of Yaounde in Cameroon

Emmanuel Tonye, Ecole Nationale Supérieure Polytechnique, Cameroon

#### Dar es Salaam Supercomputer Centre

John Kondoro, Dar es Salaam Institute of Technology, Tanzania

#### African Grid Activities

Roberto Barbera, University of Catania, INFN, and Consorzio COMETA, Italy

#### Community Health Portals in Africa - Concept and Application for Drug Therapy

Lars L Gustafsson, Karolinska Institutet, Sweden

14:00 Session 7e

Digital Content

Chair: **Maseqobela Williams, Ministry of Communications, Science & Technology Lesotho**

#### Content Development in an Indigenous Digital Library: a Model for Community Participation

Elizabeth Greyling, eThekweni Municipality, South Africa

#### Enabling Sustainable Access and Effective Utilisation of e-Resources in Academic and Research Libraries in Zimbabwe

Ronald Munatsi, Zimbabwe Library of Parliament, Zimbabwe

#### The Abunzi Project: Oral Web 2.0

Cindy Jeffers, Distance Lab, United Kingdom

#### "Snap Me" as a Pointer to "Rabbit Holes" in the Singa Environment

Merryl Ford, CSIR - Meraka Institute, South Africa

#### National electronic Library of Infection (NeLI) - the Best Available Evidence Online: 9 Years of Experience

Patty Kostkova, City University, United Kingdom

15:30 Coffee Break

Exhibition & Networking

16:00 Session 8a

Technology Enhanced Learning

Chair: **Love Ekenberg**, University of Stockholm/KTH, Sweden

**Contextual Curriculum to Support Practical and Innovative ICT-learning in a Developing Country: Case Southern Highlands of Tanzania**

Joseph Longino, Lappeenranta University of Technology, Tanzania

**Enhancing the Diffusion of Information Communications Technology for Quality Knowledge and Skills Development in African Universities**

Wilson Okaka, Kyambogo University, Uganda

**Students' Perspectives on Challenges of IT Education in Rural Tanzania**

Matti Tedre, Tumaini University, United Republic of Tanzania

**Building ICT Capacity in Ugandan Schools**

Irina Zlotnikova, Makerere University, Uganda

**ICT Education in Context: Towards a Shared ICT4D Curriculum**

P. Clint Rogers, Brigham Young University, United States

**Case Study of Telkom SA's Centre of Excellence Postgraduate Research Programme**

David Browne, Telkom SA, South Africa

16:00 Session 8b

Supporting ICT in Rural Communities

Chair: **Ilari Lindy**, Ministry for Foreign Affairs, Finland

**Hybrid Satellite-wireless Broadband Communications Solutions for e-Learning in African Countries**

Chiara Scaleggi, CNES, France

**Village Information Kiosks Project: Bridging the Digital Divide in Rural Kenya and Africa**

Lazarus N. Kubasu, Mwafrika Institute of Development, Kenya

**High-Protein e-Learning Services for a Sustainable Africa**

Manolis Stratakis, FORTHnet, Greece

**Examining Contextual Factors that Influence ICT Adoption in Rural Communities in Uganda**

Florence Nameere Kivunike, Stockholm University - DSV, Sweden

**Tackling the Digital Divide with e-Business Models: The Case of Telecentres in Uganda**

Sonny Nyeko, Makerere University, Uganda

16:00 Session 8c

eHealth - ICT Supporting Chronic Conditions

Chair: **Richard Stevens**, European Genetics Foundation, Italy

**Challenging Brain-Computer Interface: the FP7 Epilepsiae Project**

Antonio Dourado, University of Coimbra, Portugal

**The ReMINE Platform: High Performance Prediction, Detection and Monitoring Platform for Patient Safety Risk Management**

Efstathia Kormari, National Technical University of Athens, Greece

**Posture and Movement Monitoring for Ambient Assisted Living**

Matjaz Gams, Jozef Stefan Institute, Slovenia

**E-Health: Piloting an Interactive Web Portal to Educate Patients with Heart Failure – A Growing Global Problem**

Femida Gwadry-Sridhar, Lawson Health Research Institute, Canada

16:00 Workshop 8d

Building a Research and Education Network Infrastructure in Africa - Round Table

Chairs: **Moses Bayingana**, African Union Commission and **Kostas Glinos**, European Commission

**Round Table Discussion**

Albert Nsengiyumva, UbuntuNet Alliance representative

Mumuni Dakubo, University of Ghana

Mr. Alec Singh, Chief Technologist, ACP

Hossam M. Faheem, Director of EUN, Egypt

16:00 Session 8e

Open Source Software

Chair: **Maxwell Otim**, Uganda National Council for Science & Technology

**Open Source Community Organization**

Onkgopotse Molefe, CSIR - Meraka Institute, South Africa

**Using Free Software as a Tool for Social and Economic Development**

Karsten Gerloff, UNU-MERIT, Netherlands

**Analysis of the Value that Open Source Contributes to Business Models**

Neeshal Munga, CSIR, South Africa

17:30 - 18:00

Exhibition & Networking



Friday,  
May 08, 2009

09:00 Session 9a Technology Enhanced Learning - Applications & Case Studies

Chair: **Erkki Sutinen**, University of Joensuu, Finland

**The Place of a Realistic Teacher Education Pedagogy in an ICT-Supported Learning Environment in Distance Teacher Education in Uganda**

Gudula Naiga Basaza, Uganda Martyrs University, Uganda

**An Empirical Investigation of Students' Perceptions of Technology Enhance Learning in Uganda**

Evelyn Kigozi Kahiigi, Stockholm University, Sweden

**Technology Enhanced Learning Challenges: A Case Study of Open University of Tanzania**

Grace Mbwete, Open University of Tanzania, Tanzania

**Utilizing a Virtual Learning Environment (VLE) to Enhance Student's Learning Outcomes: The Experience in Makerere University**

Deborah Naatujuna, Makerere University, Uganda

**Design of a National Student Identification System for Uganda: A Case for Higher Education**

Elisam Magara, Makerere University, Uganda

09:00 Workshop 9b

AFRIFITA - The Global Strategy for Africa in IT Deployment in Rural Areas

Chair: **Karel Charvat**, CCSS, Czech Republic

**Introduction to EFITA and INFITA**

Karel Charvat, CCSS, Czech Republic

**Living Lab Networking to Facilitate R&D Funding for African-European Collaboration in ICT for Rural Areas**

Adam Turowiec, ITTI, Poland

**Innovative Farmer Advisory Services using ICT**

François Stepman, Forum for Agricultural Research in Africa, Ghana

**Geohosting – Publish Your Spatial Data Yourself**

Karel Charvat, CCSS, Czech Republic

09:00 Session 9c

eHealth - Issues

Chair: **Paul Cunningham**, IIMC Ltd, Ireland

**Using ICT to Support Prevention of HIV/AIDS Transmission**

Margherita Forcolin, Insiel S.p.A., Italy

**Towards Viable Technology for HIV/AIDS Education**

Jarkko Suhonen, University of Joensuu, Finland

**Fast Development in Aml through SOA**

Miguel Angel Huerta, Siemens, Spain

**e-Bug Games for Children: Teaching Hygiene and Prudent Antibiotics Use using Web Games**

Patty Kostkova, City University, United Kingdom

09:00 Session 9d

eInfrastructure - Case Studies

Chair: **Kostas Glinos**, European Commission, Belgium

**Approach to sustainable e-Infrastructures The case of the Latin American Grid**

Roberto Barbera, University of Catania, INFN, and Consorzio COMETA, Italy

**Black Sea Interconnection – A Case Study of Successful**

**Construction of Regional Optical Backbone**

Michał Przybylski, Central and Eastern European Networking Association (CEENet), Poland

**DRIVER: Building a Sustainable Infrastructure for Global Repositories**

Dale Peters, DRIVER, Germany

**Academic Applications of ICT in Developing Countries: the Case of East African Universities**

Philip Ayoo, The Inter-University Council for East Africa, Uganda



**Developing an Infrastructure for Interdisciplinary Research – Potential Grid Applications**  
Femida Gwadry-Sridhar, Lawson Health Research Institute, Canada

09:00 Session 9e eInclusion

Chair: **Richard Stevens**, European Genetics Foundation, Italy

**Stimulation of Local Content Generation in Rural Africa**

Marijn Rijken, TNO, Netherlands

**Proposed Framework for Closing the Rural-Urban Digital Gap in Uganda**

Jude Ssempebwa, Kampala International University, Uganda

**Airtime to Cash: Unlocking the Potential of Africa's Mobile Phones for Banking the unbanked**

Ali Ndiwalana, Makerere University, South Africa

**Using All Things E and LED to address Poverty**

Roger Layton, Roger Layton Associates (Pty) Ltd, South Africa

**Problems Hindering Efficient Delivery of ICT in the Community**

Elizabeth Mukasa, OLC\_Uganda

10:30 Coffee Break Exhibition & Networking

11:00 Workshop 10a **Challenges and Opportunities for African-European ICT Partnerships in FP7**

Chair: **Mmboneni Muofhe**, Department of Science and Technology, South Africa

**Taking Advantage of FP7 Opportunities**

Mmboneni Muofhe, Department of Science & Technology, South Africa

**The Role of Cooperation in Promoting ICT in Africa**

Karine Valin, Sigma Orionis, France

11:00 Workshop 10b **AFRIFITA - The Global Strategy for Africa in IT Deployment in Rural Areas II**

Chair: **Karel Charvat**, Wirelessinfo, Czech Republic

**International Cooperation on Spatial Planning**

Otakar Cerba, Help Service - Remote Sensing, Czech Republic

**The Farmers Information Matrix: Lessons Learnt from Deploying a Voice Information Service for Farmers in Kenya**

Mucemi Gakuru, Teknobyte Ltd, Kenya

**Agricultural and Rural Transformation in Africa: A Proposal for Information and Communication Technology Use in Agriculture Framework**

Raphael Aregu, Gulu University, Uganda

**Modernization of Agriculture in African countries with ICT Support - A proposal for a Pilot Project**

Walter Mayer, Progis Software GmbH, Austria

11:00 Workshop 10c Women and ICT

Chair: **Ednah Karamagi**, BROSDI, Uganda

**The Need for Engendering ICT Policies in Uganda- Experiences, Challenges and Opportunities**

Angela Nakafeero, Development Alternatives, Uganda

**How women have used ICTs, Benefits and Challenges, with examples from CEEWA ICT Project and WOUGNET Apac Project**

Samuel Senfuka, Council for Economic Empowerment for Women of Africa-Uganda Chapter (CEEWA-Uganda), Uganda

**Opportunities to Improve Access and Utilisation of ICT by Women in addressing their Development Problems**

Goretti Zavuga Amuriat, WOUGNET, Uganda

11:00 Session 10d eInfrastructure - Issues and Case Studies

Chair: **Bernard Stevenot**, SpaceBel, Belgium

**Risk Assessment for Reputation Building in Grid Service Provisioning**

Odej Kao, TU Berlin, Germany

**Mobile Applications and Innovation**

Menghistab Tesfai, Uganda Telecom Ltd, Uganda

**Building and Managing a Cost Effective Fixed Broadband Wireless Access Business**

Robert Aouad, ISOCEL Telecom, Benin

**Data Mules Networks Analysis with Semi-Markov-Process for Challenging Internets and Developing Regions**

Filippo Meucci, University of Florence, Denmark

**How do we make Community owned Information Networks work for the Poor**

Chris Morris, Meraka Institute, CSIR, South Africa

11:00 Session 10e

eAdoption

Chair: **Ilari Lindy**, Ministry for Foreign Affairs, Finland

**Measuring ICT Adoption, Acceptance and Use in the Developing World**

Souleymane Boundaouda Camara, Thames Valley University, UK

**ICT4D with a Nordic Flavor – a Stepwise and Multithreaded Approach**

Jarkko Suhonen, University of Joensuu, Finland

**IT and Role/Analysis of Information Resource in Decision making in Botswana**

Kelvin Joseph Bwalya, University of Botswana, Botswana

**Commercializing Research and Innovations Commercialization Africa**

**- Case of Rennov Afrique Project**

Herbert Lwanga, LOG'EL PROJECT, Uganda

12:30 Lunch Exhibition & Networking

13:30 Closing Plenary 12a Initiatives Supporting Development of Regional S&T

Chair: **Hon. J.C. Alintuma Nsambu**, Minister of State, Ministry of ICT, Uganda

**How to Bridge the Digital Divide in Africa?**

Mrs. Lenka Ptáčková Melicharová, Deputy Minister of Interior, Czech Republic

**UNECA's ICT and Science & Technology Programme**

Aida Opoku-Mensah, UN Economic Commission for Africa, Ethiopia

**Impact and Challenges of National Scale ICT4D Programmes: 10 Years of Experiences from the Ground**

Stijn van der Krogt, International Institute for Communication and Development (IICD), Netherlands

**SPIDER Programme - Experiences Cooperating in Africa**

Karoline Beronius, SPIDER- The Swedish Program for ICT in Developing Regions, Sweden

**Strengthening African - European Cooperation in ICT and S&T**

Thierry Devars, European Commission, Belgium

**Round Table Discussion**

**Best Paper Award**

**Best Demonstration Stand Award**

**Formal Closing of Conference**

The Programme presented is accurate as at 23 April 2009 and is subject to change without notice at the discretion of the International Programme Committee Chair. Please view the Online Programme for the most up-to-date information.

## Registration Information

It is necessary for all **IST-Africa 2009** delegates to register online. Each delegate should be registered separately.

## Conference Fees

### Authors Fees (Due by 09 March)

- Authors - African States (1) **€100**
- Authors - EU New Member States (2), EU Candidate Countries (3) and Developing Countries (4) **€200**
- Authors - All countries except African States (1), EU New Member States (2), Candidate Countries (3) and Developing Countries (4) **€300**

Please note that the author fee is only available to accepted presenters in the Programme (**one presenter per paper**). Co-authors who wish to participate should register as Delegates.

### Delegates' Fees - Early Bird (Due by 31 March)

- Early Bird - African States (1) **€200**
- Early Bird - Uganda **€100**
- Early Bird - EU New Member States (2), EU Candidate Countries (3) and Developing Countries (4) **€300**
- Early Bird - All countries except African States (1), EU New Member States (2), Candidate Countries (3) and Developing Countries (4) **€400**

### Delegates' Fees - Full Fee from 01 April

- Delegate Full Price - African States (1) **€250**
- Delegate Full Price - Uganda **€100**
- Delegate Full Price - EU New Member States (2), EU Candidate Countries (3) and Developing Countries (4) **€400**
- Delegate Full Price - All countries except African States (1), EU New Member States (2), Candidate Countries (3) and Developing Countries (4) **€500**

### The Conference Fee includes:

- Entrance to all plenary and parallel sessions
- Entrance to Exhibition
- Documentation with proceedings on CD-Rom
- Three luncheons and refreshments at morning and afternoon breaks
- Cocktail Networking Reception
- Cyber Café facilities

**African States (1)** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroun, Cape Verde, Central African Republic, Chad, Comoros, Congo (Republic of), Congo (Democratic Republic of), Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome & Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia and Zimbabwe.

**EU New Member States (2)** Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia

**EU Candidate Countries (3)** Croatia, Turkey.

**Developing Countries (4)** **Asia** (Bangladesh, Bhutan, Brunei, Cambodia, China, India, Indonesia, Laos, Malaysia, Maldives, Mongolia, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Thailand, Vietnam)

**Caribbean and Pacific Countries** (Antigua and Barbuda, Bahamas, Barbados, Belize, Cuba, Dominica, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, St. Kitts & Nevis,

Islands, East Timor, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu)

**Latin America** (Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela)

**Mediterranean Partner Countries** (Algeria, Egypt, Israel, Jordan, Lebanon, Morocco, Syrian Arab Republic, Tunisia, West Bank & Gaza Strip)

**Russia & NIS** (Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan)

**Western Balkan Countries** (Albania, Bosnia-Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Serbia & Montenegro)

## Terms & Conditions

1. All authors who are presenting a paper at **IST-Africa 2009** must complete their payment registration by **09 March** at the latest, prior to publication of the Final Programme.

2. In the case where a paper is jointly authored, the presenter of the paper is considered to be the author/presenter from a payment registration point of view. All co-authors are considered to be delegates.

3. Accepted Exhibitors (other than accepted presenters) must complete payment registration by **24 March**.

4. Delegates' fees must be paid before admission to the Conference and Exhibition.

5. IEEE Members are entitled to apply for a 10% discount on the appropriate fee. Please provide Membership No. as part of online registration and fax a copy of valid Membership card to +353-1-8170606.

6. There are **no refunds for cancellations** but substitutions may be made at any time prior to the event by contacting the Conference Secretariat.

7. Each individual must be registered separately on the IST-Africa Conference portal.

8. Payment may be made by bank transfer or credit card (with some restrictions). Payments made by bank transfer must be **net of any bank charges** and the payment instruction should refer to "IST-Africa 2009 Conference", your name, organisation and invoice number (if relevant).

9. Receipts are automatically issued electronically upon receipt of payment. If your organisation requires an invoice to process payment registration by bank transfer, please contact the Conference Secretariat.

10. Conference registration or hotel accommodation is not confirmed until full payment is received.

11. Letters of invitation can only be issued following delegate registration online and receipt of payment.

12. The registration desk will open on Tuesday 05 May from 16:00 to 19:00 and will remain open during normal conference hours from 08:00 on Wednesday.

## Major Places of Interest

Kampala is the capital of Uganda and was built on seven original hills. It is a very busy city with traffic congestion in some areas. The city centre is located on Nakasero Hill. This area houses Embassies, government offices, hotels and markets. People are generally friendly and helpful in Kampala.

While in Kampala, delegates and accompanying persons should visit the Uganda Museum, Anglican Namirembe Cathedral on Namirembe Hill and Kasubi Tombs (the traditional royal tombs of the Buganda Kings) situated 5kms from the city centre.

Other places in interest around Kampala include: Jinja (Source of Nile), Owen Falls, Sezibwa Falls, the Bujagali Falls and Ngamba Island Chimpanzee sanctuary (near Entebbe).

Uganda has seven national parks: Queen Elizabeth, Kidepo, Murchison Falls, Semliki, Bwindi Impenetrable Forest (mountain gorillas), Mount Elgon national Park and Lake Mburo National Park.

## Climate

Even though Kampala is just 80kms north of the equator, it has a relatively comfortable climate due to its elevation of 3900 feet. Speke Resort & Conference Centre (conference venue) is located on the shores of Lake Victoria.

Average temperatures in Kampala in May are warm, ranging from 20 - 25 degrees Celsius. May is towards the end of the rainy season so it is good idea to bring an umbrella.

## Networking Reception

The IST-Africa Consortium are pleased to announce that a Networking Reception will be held in the **IST-Africa 2009 Exhibition** area in the Speke/ Munyonyo Resort & Conference Centre on Wednesday 06 May, from 18:00 to 20:00. This will allow all conference delegates and accompanying partners to network with other conference delegates, interact with Exhibitors and view technology demonstrations.

## Partners' & Post Conference Social Programme

During the three days of the conference, a partners' programme will be organised, subject to sufficient demand. If your accompanying person would like to have the option to book tours during the conference, please contact the Conference Secretariat at [secretariat@IST-Africa.org](mailto:secretariat@IST-Africa.org)

Further details on Post Conference Tours will be published on the **IST-Africa 2009** Conference Portal in March.

## Visa Information

Nationals from the countries listed below are not required to obtain Visas to travel to Uganda for visits

shorter than three months: Angola, Antigua, Bahamas, Barbados, Belize, Burundi, Comoros, Cyprus, Eritrea, Fiji, Gambia, Grenada, Italy (Diplomatic Passport holders only), Jamaica, Ireland, Kenya, Lesotho, Malawi, Malta, Mauritius, Madagascar, Rwanda, Seychelles, Sierra Leone, Singapore, Solomon Islands, St. Vincent and Grenadines, Swaziland, Tanzania, Tonga, Vanuatu, Zambia and Zimbabwe.

Conference delegates from other countries should contact the nearest Ugandan Embassy six to eight weeks prior to travelling to determine if it is necessary for you to apply for a visa in advance.

The **IST-Africa 2009** Organising Committee can only issue Letters of Invitation for visa purposes to delegates after payment for their conference registration has been received.

## Vaccinations

Conference delegates travelling to Africa for the first time are recommended to have up to date Tetanus, Hepatitis A and Typhoid vaccines.

Since May is the rainy season and the conference is taking place on the shores of Lake Victoria, conference delegates are recommended to bring malaria tablets with you. Whatever tablets you use, remember to complete the course as directed after leaving the malaria area. It is a good idea to check with your personal physician or travel health clinic four to six weeks prior to travelling, outlining where in East Africa you intend to visit.

## IST-Africa Initiative

Regional Impact of Information Society Technologies in Africa ("**IST-Africa**") is a multi-stakeholder initiative focused on raising wider awareness of African research capacity, promote participation of African organizations in the ICT Theme of FP7 and identify co-operation opportunities in fields of mutual interest. The **IST-Africa Initiative** is supported by the European Commission under FP7-ICT.

**IST-Africa** is a collaborative initiative between IIMC International Information Management Corporation Limited (Ireland, Coordinator), Ministry of Communications, Science and Technology (Botswana), Ministry of Communications, Science and Technology (Lesotho), Commonwealth Network of Information Technology for Development (Malta), ICT Policy Implementation Technical Unit (Mozambique), Ministry of Education (Namibia), Wits Commercial Enterprise (Pty) Ltd (South Africa), COSTECH - Tanzania Commission for Science and Technology, and Uganda National Council for Science and Technology.





## Exhibition

**IST-Africa 2009** Exhibition showcases applied ICT research results and applications through technology demonstrations and posters, whether funded commercially, or at a national, regional or European level.

## Demonstration Stands

Stand Name	Organisation	Country
IST-Africa Initiative	IST-Africa Consortium	Sub-Saharan Africa
Ministry of Information and Communications Technology	Ministry of ICT	Uganda
ARPAKE & 8th Partnership Flagship Projects	African Union Commission	Ethiopia
Digital World Forum	W3C	France
ESASTAP/ST-EAP/EuroAfriCa-ICT	DST & Meraka Institute, CSIR	South Africa
Belief II	CHPC	South Africa
Ideal-ist	Ideal-ist Consortium	Switzerland
Simply affordable: Refurbished PCs for SMEs	UNIDO	Austria
Ericsson	Ericsson Uganda	Uganda
Uganda Telecom	Uganda Telecom Ltd	Uganda
Mbarara University of Science And Technology	Mbarara University of Science And Technology	Uganda
Research at Faculty of Computing and IT	Makerere University	Uganda
Incorporating Audio visual materials in Distance Learning	Uganda Martyrs University	Uganda
Kampala International University	Kampala International University	Uganda
Log'EI Project	Log'EI Project	Uganda
SchoolNet Uganda	SchoolNet Uganda	Uganda

## Posters

Stand Name	Organisation	Country
Declaring ICT Democratic: Empowering African Citizens	Ashburn Institute	Ukraine
eIFL.net: Electronic Information for Libraries	eIFL.net/ Zimbabwe College & Research Libraries Consortium	Zimbabwe
International Network for the Availability of Scientific Publications	INASP/ Zimbabwe College & Research Libraries Consortium	Zimbabwe
Information Science Education Research Agenda	EASLIS, Makerere University	Uganda

## Conference Portal & Delegate Showcase

[www.IST-Africa.org/Conference2009](http://www.IST-Africa.org/Conference2009)

### IST-Africa 2009 Additional Supporting Organisations

