



# IST-Africa 2008

## Final Programme

Windhoek *Namibia*

**07 - 09 May 2008**

IST-Africa is Supported by the European Commission under FP7-ICT

European Commission  
Information Society and Media



Host Government



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# Introduction

**IST-Africa 2008** Conference & Exhibition takes place 07 - 09 May 2008 in Windhoek, Namibia. Part of the **IST-Africa Initiative**, which is supported by the European Commission under the Information Communications Technologies (ICT) Theme of Framework Programme 7 (FP7), **IST-Africa 2008** is the third 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 Theme - for the period 2007 - 2013. ICT is fully open to International Cooperation 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 FP7-ICT.

Hosted by the Government of Namibia and Technical Co-Sponsored by IEEE, **IST-Africa 2008** focuses 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 2008** 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 2008** 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.

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 2008** 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 government, industry 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 2008** 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 FP7 ICT Theme. Much of the European research results presented in this year's conference were co-funded under FP6.

## The Venue

**IST-Africa 2008** Conference & Exhibition takes place in the Windhoek Country Club, Windhoek, Namibia.

## 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 over 35 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.

The Conference Programme is complemented by a demonstration and technology exploitation-focused Exhibition, a Networking Reception on Wednesday 07 May 2008 and a Gala Dinner on Thursday 08 May 2008.

The programme is subject to change and the **IST-Africa 2008** 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. Social events are designed to facilitate informal networking and the Cyber Café makes it easy to follow up opportunities and introductions immediately.

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 2008** 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 work, family and friends.

## Conference Proceedings

The **IST-Africa 2008** Conference Proceedings will be published on CD-ROM as well as 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 provided. 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 Windhoek. 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 with two hotels in Windhoek: the Windhoek Country Club and Hotel Safari. 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/Conference2008](http://www.IST-Africa.org/Conference2008)

## How to get there

Windhoek International airport (Hosea Kutako International airport) is located 42 kilometres from Windhoek. More information in relation to transportation from the airport to the conference hotels will be published online.

## Driving in Namibia

In Namibia, all vehicles drive on the left hand side of the road as in the majority of Southern African countries. It is compulsory to carry your driver license and the vehicle documentation at all times, as this must be produced on request at the roadblocks which lead in and out of Windhoek. Please ensure that your driver license is recognised in Namibia or apply for an International Drivers License in sufficient time prior to travelling. Seat belts must be worn at all times, and it is prohibited to use a mobile phone whilst driving.

If you wish to hire a car to pick up upon arrival at Hosea Kutako International airport, it is necessary to book the car in advance. Hire car companies operating at the airport include Hertz, Budget, Avis and Imperial. It is often possible to get better rates and excess waivers if booked from outside the country. The drive from the airport to Windhoek takes 40 mins. The road infrastructure in and around Windhoek is excellent and drivers are courteous.

The general speed limit is 120km/hr on tar roads outside of towns, 100km/hr on gravel roads and 60km/hr in built up areas.

## Sponsors

**IST-Africa 2008** 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 2008** Gold sponsors include Telecom Namibia and SPIDER Programme. Bronze sponsors include SAP Research.

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.

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

## Media Partners

Media partners confirmed to date include eStrategies, Parliament Magazine and Research Africa.

eStrategies

THE PARLIAMENT  
EUROPEAN POLITICS AND POLICY MAGAZINE

THE PARLIAMENT  
EUROPEAN POLITICS AND POLICY .COM

## Plenary Speakers



Dr. Libertina Amathila  
Deputy Prime Minister  
Republic of Namibia



Hon. Nangolo Mbumba  
Minister of Education  
Republic of Namibia



Hon. Joel Kaapanda  
Minister of ICT  
Republic of Namibia



Hon. Mosibudi Mangena  
Minister of Science and  
Technology, South Africa



Antti Peltomäki  
DG Information Society &  
Media, European Commission



J.M. Silva Rodríguez  
DG Research  
European Commission



Dr Hakim Elwaer  
Director, HRST  
African Union Commission

**IST-Africa 2008** will be opened by **Honourable Nangolo Mbumba**, Minister of Education, Namibia on behalf of **His Excellency, Hifikepune Pohamba**, President of Republic of Namibia.

Other Keynote Speakers confirmed to date include:

- **Dr. Libertina Amathila**, Deputy Prime Minister, Republic of Namibia
- **Honourable Joel Kaapanda**, Ministry of Information and Communication Technology, Namibia
- **Honourable Dr Shukuru Kawambwa**, Minister for Communications, Science and Technology, Tanzania
- **Honourable Mosibudi Mangena**, Minister of Science and Technology, South Africa
- **Honourable Dr. Ham-Mukasa Mulira**, Minister of Information and Communications Technology, Uganda
- **Honourable Dr. Sally Kosgey**, Minister of Higher Education, Science and Technology, Kenya
- **Dr Hakim Elwaer**, Director, HRST, African Union Commission, Ethiopia
- **Mr. Remigious Makumbe**, Acting Chief Director and Director of Infrastructure & Services, SADC Secretariat
- **Mr Antti Peltomäki**, Deputy Director-General, DG Information Society and Media, European Commission
- **Mr José Manuel Silva Rodríguez**, Director-General, DG Research, European Commission
- **Moses Bayingana**, HRST, African Union Commission
- **Dr. John Mugabe**, NEPAD S&T
- **Ms. Aida Opoku-Mensah**, Director, United Nations Economic Commission for Africa
- **Dr. Shamila Nair-Bedouelle**, Division of Science Policy and Sustainable Development, UNESCO
- **Ms. Magda Berhe**, The Swedish Program for ICT in Developing Regions

## 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 2008** International Programme Committee includes

- **Paul Cunningham**, IIMC, Ireland (Conference Chair)
- **Henry Alamango**, COMNET-IT, Malta
- **Prof. Jørn Braa**, Oslo University Norway
- **Dr Elaine Byrne**, University of Pretoria, South Africa
- **Jim Clarke**, Waterford Institute of Technology, Ireland
- **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**, European Network and Information Security Agency (ENISA), Greece
- **Gareth MacNaughton**, Lane & Hapiak Consulting, UK
- **Dr. Esselina Macome**, Eduardo Mondlane University, Mozambique
- **Prof. Maurice Mars**, University of KwaZulu-Natal, South Africa
- **Namugenyi Loi Mirembe**, Uganda National Council for Science & Technology, Uganda
- **Maggy Pézeril**, Pôle Universitaire Européen, France
- **Matti Sinko**, Helsinki University of Technology, Finland
- **Dr Vincent Shaw**, HISP, Namibia
- **Prof. Peter Sloot**, University of Amsterdam, Netherlands
- **Bernard Stevenot**, SpaceBel, Belgium
- **Richard Stevens**, INSIEL S.p.A, Italy
- **Prof. Erkki Sutinen**, University of Joensuu, Finland
- **Prof. Wallace Taylor**, Cape Peninsula University of Technology, South Africa

- **Daan du Toit**, Senior Science and Technology Representative in Europe, Department of Science & Technology, South Africa
- **Maseqobela Williams**, Ministry of Communications, Science & Technology, Lesotho
- **Stefan Wesner**, High Performance Computing Center of University Stuttgart, Germany
- **Dr. Harold Wesso**, DDG (Policy), Department of Communications, South Africa

## Organising Committee

- **Miriam Cunningham**, IIMC, Ireland
- **Paul Cunningham**, IIMC, Ireland
- **John Sifani**, Ministry of Education, Namibia
- **Johan van Wyk**, Ministry of Education, Namibia



## Conference Secretariat

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Tel: +353 (0) 1 8170607  
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e-mail: [secretariat@IST-Africa.org](mailto:secretariat@IST-Africa.org)

## Conference Portal & Delegate Showcase

[www.IST-Africa.org/Conference2008](http://www.IST-Africa.org/Conference2008)



# Wednesday, May 07, 2008

08:00 Registration

09:00 Opening Plenary 1a

#### Welcome Address

Honourable Nangolo Mbumba, Ministry of Education, Namibia

#### Initiatives in Namibia

Honourable Joel Kaapanda, Minister of Information and Communication Technology, Namibia

#### Opening Remarks

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

#### ARAPKE Action Plan

Dr Hakim Elwaer, African Union Commission, Ethiopia

09:50 Coffee Break Exhibition & Networking

10:15 Opening Plenary 2a: Round Table on the Implementation of the Africa-EU Partnership on Science, Information Society and Space

Co-Chairs: Honourable Dr. Sally Kosgey, Minister for Higher Education, Science and Technology, Kenya & José Manuel Silva Rodríguez, Director General, DG Research, European Commission

Facilitator: Paul Cunningham, IIMC, Ireland

#### EU and African Perceptions on the Africa-EU Partnership on Science, Information Society and Space

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

Mr José Manuel Silva Rodríguez, Director General, DG Research, European Commission

#### S&T as a Means to Attaining the Millennium Development Goals

Honourable Dr Shukuru Kawambwa, Minister for Communications, Science and Technology, Tanzania

#### Development of S&T/ICT Policies

Honourable Dr. Ham-Mukasa Mulira, Minister of Information and Communications Technology, Uganda

#### ICT Challenges to Enhance Socio-economic Development and Regional Integration within SADC

Mr Remigius Makumbe, Southern African Development Community, Botswana

#### Implementation of Africa-EU Strategy: Challenges and Opportunities

Honourable Mosibudi Mangena, Minister of Science and Technology, South Africa

#### General Discussion

Senior Representative, African Union Commission, Ethiopia

Mr José Manuel Silva Rodríguez, Director General, DG Research, European Commission

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

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

12:15 Lunch Exhibition & Networking

14:00 Workshop 3a Innovation in Namibia

Chair: Alfred Ilukena, Ministry of Education, Namibia

#### Namibia Business Innovation Centre

Tjama Tjivikua, Polytechnic of Namibia

#### Namibia Network Information Centre

Ben Fuller & Eberhard Lisse, Namibia Network Information Centre

#### Tech/Na! The Namibian ICT in Education Initiative

Johan van Wyk, Ministry of Education, Namibia

14:00 Workshop 3b eHealth - Integrated District Health Information Systems in Africa I

Chair: Jørn Braa, University of Oslo, Norway

#### De-fragmenting Health Information Systems in Sierra Leone: Horizontal and Vertical Integration

Edem Kwame Kossi, University of Oslo, Norway

#### Institutionalising the Integration of Health Information Systems through Stakeholder Buy-in: The Case of Malawi

Anthony Muyepa-Phiri, University of Malawi, Malawi

#### Implementing Health Information System in Zanzibar: Using Internet for Communication, Information Sharing and Learning

Yahya Hamad Sheikh, The State University of Zanzibar / University of Oslo, United Republic of Tanzania

#### Scaling HIS in Developing Countries: Case Studies from Ethiopia

Desalegn Zegeye, University of Gondar, Ethiopia

14:00 Session 3c Using Mobile Devices & Language to Support Technology Enhanced Learning

Chair: David Cook, Polytechnic of Namibia, Namibia

#### Dr Math Rocks!: Using Instant Messaging to Help Pupils with Mathematics Homework

Laurie Butgereit, Meraka Institute, South Africa

#### More than Mobile

Adele Botha, Meraka Institute, South Africa

#### ME-LEARN: Mobile Devices in the Face-to-Face Classroom

Annette de Jager, meLearn Education, South Africa

#### African Language Technology for Multilingual Local Content Development

Wanjiku Nganga, University of Nairobi, Kenya

14:00 Workshop 3d Converging Technical and Non-Technical Consumer Needs in ICT Trust, Security & Dependability across Disciplines

Chair: Ilari Lindy, ENISA, Greece

#### ENISA - Fostering the Culture of Network and Information Security

Ilari Lindy, ENISA, Greece

#### Challenges for the Protection of Critical ICT-Based Financial Infrastructures

James Clarke, Waterford Institute of Technology, Ireland

#### Requirements and Potential for Information Security as a Key Capability for Technological Innovation

Laurens Cloete, Meraka Institute, South Africa

#### Discussion

15:30 Coffee Break Exhibition & Networking

16:00 Workshop 4a Harnessing ICT within the SADC Region

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

#### SADC ICT Declaration

Robin Unuth, SADC Secretariat, Botswana

#### Research Infrastructures

Carmen Mena Abela, eInfrastructures Unit, DG Information Society & Media, European Commission, Belgium

#### Building Knowledge Capacity in Southern Africa

Helena Tapper, Embassy of Finland, South Africa

#### ICTs in Mozambique: Constraints and Opportunities

Zauria Saifodine, ICT Policy Implementation Technical Unit (UTICT), Mozambique

#### Discussion

16:00 Workshop 4b eHealth - Integrated District Health Information Systems in Africa II

Chair: Jørn Braa, University of Oslo, Norway

#### Integrating software to monitor HIV/AIDS: The case of eBHRIMS in Botswana

Johan Saebo, University of Oslo, Norway

#### From User Training to In-Service Support

Jens Kaasbøll, University of Oslo, Norway

**Using Communities of Practice as a Lens for Understanding Organisational Change**

Vincent Shaw, Health Information Systems Programme, Namibia

**South-South Collaboration: Adapting Information Systems Integration Strategies in Namibia**

Louisa Williamson, University of Oslo, South Africa Discussion

16:00 Session 4c [Technology Enhanced Learning for Adult Learners](#)

Chair: [Johan van Wyk, Ministry of Education, Namibia](#)

**Fostering Open Educational Practices in Cross-Cultural Contexts**

Daisy Mwanza-Simwami, Open University, United Kingdom

**Cross-Cultural Communication in the Online Classroom**

Hylton Villet, GijimaAst, Namibia

**Applications of Open Learning Principles for Improving Market/Mechanic Village Schools in South Eastern Nigeria**

Benjamin Ogwo, Pennsylvania State University, United States

**A Social Network Platform for Vocational Learning in the ITM Worldwide Network**

Thierry Nabeth, INSEAD, France

**Communities and Meaning: Mashmaking in Africa**

June Bam-Hutchison, Museum of London Group, United Kingdom

16:00 Workshop 4d [Converging Technical and Non-Technical Consumer Needs in ICT Trust, Security & Dependability across Disciplines](#)

Chair: [Ilari Lindy, ENISA, Greece](#)

**Building a World Class Information Security Governance model**

Marthie Lessing, CSIR, South Africa

**Identica project - Leveraging Biometrics**

Aljosa Pasic, ATOS Origin, Spain

**Information Security, Access Controls and the Reliability of Intrusion Detection Systems**

Nhlanhla Mlitwa, Cape Peninsula University, South Africa

Discussion

18:00 - 20:00 [Networking Reception](#) [Exhibition & Networking](#)



Thursday,  
May 08, 2008

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

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

**Research Capacity and Challenges in Namibia**

John Sifani, Ministry of Education, Namibia

**Research Capacity and Challenges in South Africa**

Cristina Pinto, Wits Enterprise, South Africa

**Research Capacity and Challenges in Botswana**

Samuel Bok, Ministry of Communications, Science and Technology, Botswana

**Research Capacity and Challenges in Lesotho**

Maseqobela Williams, Department of Science and Technology, Lesotho

09:00 Session 5b [eHealth - Managing Health Information](#)

Chair: [Vincent Shaw, Health Information Systems Programme, Namibia](#)

**Semantic Integration of Medicinal Data**

Juha Puustjärvi, Lappeenranta University of Technology, Finland

**Understanding the Dynamics of Implementing GIS for Health Management in Mozambique**

Zeferino Saugene, Universidade Eduardo Mondlane, Mozambique

**Implementation Challenges in Rural Communities - Case Study from Bangladesh**

Mannan Mridha, The Royal Institute of Technology, Sweden

**Lessons Learned from Integration of eLearning into Existing Institutionalized Upgrading Courses in Tanzania**

Denis Mazali, Muhimbili University of Health and Allied Sciences, United Republic of Tanzania

09:00 Session 5c [Integrating Technology Enhanced Learning in Tertiary and Educational Training](#)

Chair: [Erkki Sutinen, University of Joensuu, Finland](#)

**Reflections on the Africa Drive Project: Good Practices in Blended Learning and Technology Usage**

Darelle Van Greunen, Nelson Mandela Metropolitan University, South Africa

**The Impact of an Innovative Learning Environment on Student Teachers' Metacognition**

Gudula Naiga Basaza, Uganda Martyrs University, Uganda

**Factors Influencing the Adoption of Technology Enhanced Learning at the University of Namibia**

Tulimevava Mufeti, University of Namibia, Namibia

**Students' Perception of e-Learning, WebCT and Adequacy of ICT Infrastructure at the University of Botswana**

Isaac Obasi, University of Botswana, Botswana

09:00 Session 5d [eInclusion & eAccessibility](#)

Chair: [Richard Stevens, INSIEL, Italy](#)

**Using a Multi-Criteria Tool for Selecting ICT Development Initiatives**

Love Ekenberg, Stockholm University and KTH, Sweden

**UNIDO Business Information Centre Model for e-Inclusion & e-Accessibility in Uganda**

Barbara Kreissler, UNIDO, Austria

**Accessibility Observations of Visually Impaired Users using the South African National Accessibility Portal**

Louis Coetzee, Meraka Institute, South Africa

**Designing Future Technologies for Disabled People in a Developing Country**

Quentin Williams, Meraka Institute, South Africa

09:00 Workshop 5e **Building a Research Network Infrastructure Policy and Infrastructure**

African Co-Chairs: **Boubakar Barry, AAU NREN unit; Francis Tusubira, Ubuntunet Alliance**

European Co-Chairs: **Bjorn Pehrson, KTH; Cathrin Stöver, DANTE**

**Welcome and Introduction**

African Union

European Commission

Co-Chairs

**Policy**

Dr Hakim Elwaer, HRST, African Union Commission

Carmen Mena Abela & Thierry Devars, European Commission

Discussion

**Status of the Emerging African Optical Fiber Infrastructure:**

**Prospects for Growth & Policy and Regulatory Challenges**

Francis Tusubira, UbuntuNet Alliance, Uganda

**GEANT2 and European Global Research Networking Activities**

Cathrin Stover, DANTE, United Kingdom

10:30 Coffee Break **Exhibition & Networking**

11:00 Workshop 6a **IST-Africa - Linking European & African Researchers**

Chair: **Anneline Morgan, Department of Science and Technology, South Africa**

**Research Capacity and Challenges in Mozambique**

Zauria Saifodine, ICT Policy Implementation Technical Unit (UTICT), Mozambique

**Research Capacity and Challenges in Tanzania**

Hamisi Nguli, COSTECH, Tanzania

**Research Capacity and Challenges in Uganda**

Maxwell Otim, Uganda Council for Science and Technology, Uganda

**Research Capacity and Challenges in Kenya**

Prof. Crispus Kiamba, Ministry of Science and Technology, Kenya

**Discussion and Next Steps**

11:00 Session 6b **eHealth - Evaluating Health Delivery Systems**

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

**Policy and Change Management Implications in Building a Continental-wide eHealth Network in Africa: What Can We Learn from NEPAD e-Schools Programme?**

Adesina Iluyemi, University of Portsmouth, United Kingdom

**Evaluating National Health Information Systems for Developing Countries**

Kieran Sharpey-Schafer, University of Cape Town, South Africa

**The Emerging ICT Use Patterns for Health Service Delivery in Africa: Evidence from Rural and Urban Setting in Namibia**

Meke Shivute, Polytechnic of Namibia, Namibia

**Establishing a Biomedical Virtual Organisation through a Portal: Lessons Learned from HEALTHAGENTS**

Horacio Gonzalez-Velez, University of Edinburgh, United Kingdom

**e-Health Development in Europe and its Potential Implications for Africa**

Dusan Soltes, Comenius University, Slovakia

11:00 Session 6c **Technology Enhanced Learning Case Studies**

Chair: **Love Ekenberg, Stockholm University and KTH, Sweden**

**Vision and Challenges of the Information and Learning Resources Centre (ILRC), University of Namibia**

Rakel-Kavena Shalyefu, University of Namibia, Namibia

**Using an Adaptive Technology Enhanced Learning System to Teach Object Oriented Programming - University of Nairobi Case**

Euphraith Muthoni Ireri, University of Nairobi, Kenya

**Experiences using Technology Enhanced Learning at Polytechnic of Namibia**

Bill Torbitt, Polytechnic of Namibia

**Online Educational Video Repository for Knowledge-based Training, Innovation and Scientific Research – A Case Study**

Davor Orlic, Jozef Stefan Institute, Slovenia

**Towards an Affordable Alternative Educational Video Game Input Device**

Andrew Smith, Meraka Institute, South Africa

11:00 Workshop 6d **eInclusion – Leveraging Low Cost Devices and Broadband in Rural Communities**

Chair: **Thierry Devars, European Commission, Belgium**

**Outcomes as a Measure of Social Change in the Use of ICTs**

Chris Morris, Meraka Institute, South Africa

**Digital World Forum: Opportunities and Challenges of Low-Cost Technologies for Africa and Latin America**

Segopotso Moshapo, CSIR, South Africa

**DigitalWorld Forum: Low-cost Broadband Access and Infrastructure**

Pierre-Yves Danet, France Telecom/Orange Labs, France

**DigitalWorld Forum: Low Cost Computers: From the \$100 Laptop to the Next Generation**

Roland Burger, Nematrix Research, Italy

**Discussion**

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

African Co-Chairs: **Boubakar Barry, AAU NREN unit; Francis Tusubira, Ubuntunet Alliance**

European Co-Chairs: **Bjorn Pehrson, KTH; Cathrin Stöver, DANTE**

**AAU NREN Unit - Updates from the Region**

Boubakar BARRY, Association of African Universities, Ghana

**Ubuntunet Alliance - Progress and Plans**

Albert Nsengiyumva, Rwanda Education and Research Network, Rwanda

**Research Networking in Western Africa**

Emmanuel Tonye, Cameroon

**Discussion**

12:30 Lunch **Exhibition & Networking**

14:00 Session 7a **Digital Content & Digitisation**

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

**Crossing the Archival Borders**

Fredrik Palm, Umeå University, Sweden

**An Ontology-based Similarity Method for Semantic Search**

Michele Missikoff, CNR-IASI/LUISS-CeRSI, Italy

**Fostering Collaboration with DigitalPreservationEurope**

Robert Neumayer, Vienna University of Technology, Austria

**A Case for Digitisation of Audiovisual Records in the Uganda Broadcasting Corporation**

Elisam Magara, Makerere University, Uganda

**The Networked Electro Media European Technology Platform: A Vision and a Research Agenda which need to be shared with African Countries**

Pierre-Yves Danet, France Telecom/Orange Labs, France

14:00 Session 7b **eHealth - Telemedicine Applications & Case Studies**

Chair: **Gareth MacNaughton, Lane & Hapiak Consulting, United Kingdom**

**The Role of Outcome Mapping in Developing a Rural Telemedicine System**

Edwin Blake, University of Cape Town, South Africa

**PEDITEL Project: a Step for a Telemedicine Network Solution in Angola Exportable to other African Countries**

Manuel Dinis, PT Inovacao SA, Portugal

**TeleMedISTAN-People Centered Communication Solution for Improving Healthcare Services in Rural Areas of Tajikistan**

Rustam Nabiev, Karolinska University Hospital, Sweden

14:00 Session 7c **Open Source Software - Applications**

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

**The Role of Free and Open Source Software in the Microfinance Sector in Uganda**

Joseph Kasumba Ssewanyana, Makerere University Business School, Uganda

**Secure Virtual Private Network Implementation Using Open Source Software**

Fatuma Simba, University of Dar es Salaam, Tanzania

14:00 Workshop 7d [African Network of Living Labs I](#)

Chair: [Adam Turowiec, ITTI, Poland](#)

**Living Lab Methodology Concept and Development of the European Network of Living Labs**

Adam Turowiec, ITTI, Poland

**Stimulating the Development of Networked Enterprises: the Added Value of Collaborative Procurement in Rural South Africa**

Christian Merz, SAP AG, Germany

**Open SOA Value Add for Collaborative Services Delivery to Rural SMMEs**

Rudi de Louw, SAP Research CEC PTA, South Africa

14:00 Workshop 7e [Building a Research Network Infrastructure - Applications](#)

African Co-Chairs: [Boubakar Barry, AAU NREN unit](#); [Francis Tusubira, Ubuntunet Alliance](#)

European Co-Chairs: [Bjorn Pehrson, KTH](#); [Cathrin Stöver, DANTE](#)

**Digital Libraries**

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

**eLearning Applications in X-WiN**

Gerti Foest, DFN-Verein, Germany

**Experiences from Using Open Source Networking Components in Production Networks**

Bjorn Pehrson, KTH, Sweden

15:30 Coffee Break [Exhibition & Networking](#)

16:00 Session 8a [Networked Enterprise](#)

Chair: [Richard Stevens, INSIEL, Italy](#)

**Monitoring e-Business Readiness of European Enterprises Using Composite Indicators**

Stefano Tarantola, Joint Research Centre of the European Commission, Italy

**Towards a SOA and Web2.0-Enabled E-Collaboration Business Model**

Ioannis Ignatiadis, Kingston University, United Kingdom

**Mobile Payments: A Comparison between Philippine and Ugandan Contexts**

Ali Ndiwalana, Makerere University, Uganda

**Exploiting Wearable Computing Research Results**

Michael Lawo, TZI Universitaet Bremen, Germany

**Building ICT Entrepreneurs in Mozambique: Constraints and Opportunities**

Jamo Macanze, MICTI - Mozambique Information and Communication Technology, Mozambique

16:00 Workshop 8b [eHealth Systems in Low Resource Settings: Proven Practise](#)

Chair: [Ulrike Rivett, University of Cape Town, South Africa](#)

**Telemedicine for HIV/AIDS Care in Low Resource Settings: Proven Practises**

Maria Zolfo, Institute of Tropical Medicine, Belgium

**ICT-systems for HIV/AIDS management: Plug and Play?**

Ulrike Rivett, University of Cape Town, South Africa

**Establishment of Sustainable Broadband Services in Developing Regions by Integrating Development and Capacity Building**

Bjorn Pehrson, KTH, Sweden

16:00 Workshop 8c [FlossInclude](#)

Chair: [Karsten Gerloff, UNU-MERIT, Netherlands](#)

**Free Software as a Tool for Social and Economic Development - the FLOSSInclude Project**

Karsten Gerloff, UNU-MERIT, Netherlands

**From ICT Policy to Effective Implementation; What Role for Civil Society in Cross-sectoral Collaborations**

Joris Komen, SchoolNet Namibia, Namibia

**Capacity Building in Software Engineering through FOSS in Africa**

Prof. Derek W. Keats, The University of the Western Cape, South Africa

16:00 Workshop 8d [African Network of Living Labs - Future is Here](#)

Chair: [Adam Turowiec, ITTI, Poland](#)

**Development of Rural Areas Through Inclusive Education and Research on the Example of the Soshanguve L**

J. Zaaïman, Tshwane University of Technology, South Africa

**ERP Process Modelling for Rural e-Governance - A Living Lab Approach**

Potjie van der Walt, Tshwane University of Technology, South Africa

**Presenting a Knowledge Support Portlet as part of a collaborative Educational Community Learning Area**

Bertie Buitendag, Tshwane University of Technology, South Africa

16:00 Workshop 8e [Building a Research Network Infrastructure - Round Table](#)

African Co-Chairs: [Boubakar Barry, AAU NREN unit](#); [Francis Tusubira, Ubuntunet Alliance](#)

European Co-Chairs: [Bjorn Pehrson, KTH](#); [Cathrin Stöver, DANTE](#)

**Application Introductions**

**Medicine**

**Dissemination of Evidence-based Drug Information**

Elisabeth Törnqvist, Karolinska Institutet, Sweden

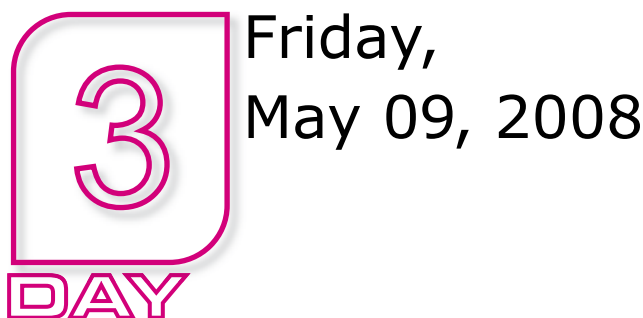
**Biomedical Computation**

**Engineering Design**

**Round Table Discussion**

17:30 - 18:00 [Exhibition & Networking](#)

19:30 - 22:00 [Gala Dinner, Windhoek Country Club](#)



09:00 Workshop 9a [eGovernment - Leveraging ICT for Governance](#)

Chair: [Love Ekenberg, Stockholm University and KTH, Sweden](#)

**Corporate and IT Governance in Local Municipalities - Towards a Best Practice**

Emile Kaselowski, Nelson Mandela Metropolitan University, South Africa

**Arguing for Enhancing Public Service Efficiency and Effectiveness Through e-Government: The Case of Zimbabwe**

Ephias Ruhode, Cape Peninsula University of Technology, South Africa

**eGovernment Experiences in Mauritius**

Sooryanand Kurumchand, State Informatics Limited, Mauritius

**Connecting communities: Creating access to the Citizen**

Paul Rowney, GijimaAst, Namibia

**Mobile Instant Messaging - The "Killer Application" for e(m)Government in Africa?**

Merryl Ford, Meraka Institute, South Africa

09:00 Session 9b [eInfrastructures](#)

Chair: [Carmen Mena Abela, European Commission, Belgium](#)

**Creating and Operating a Regional Grid Infrastructure: a Use Case from Latin America**

Bernard Marechal, Universidade Federal do Rio de Janeiro, Brazil

**South Africa's Investments in eInfrastructure to Support African Participation in Global R&D**

Johan Eksteen, Council for Scientific and Industrial Research, South Africa

**The UbuntuNet Alliance for Research and Education Networking: One More Piece in the Puzzle**

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

**Digital Divide in Sub-Saharan Africa Universities: Recommendations and Monitoring**

Boubakar Barry, Association of African Universities, Ghana

**Developing the National R&D Information Management System for Science and Technology in Uganda: A Proposal**  
Elisam Magara, Makerere University, Uganda

09:00 Workshop 9c **CAAST-Net: Coordination and Advancement of Africa-EU Science & Technology Cooperation**

Chair: **Andrew Cherry, Association of Commonwealth Universities, UK**

**CAAST-Net: Network for the Coordination and Advancement of sub-Saharan Africa-EU Science & Technology Cooperation**  
Eric Mwangi, Directorate of Research Development, Kenya

**Perspective from Africa of a Preliminary Analysis of S&T Cooperation between Africa and Europe under the Framework Programme**

Mmboneni Muofhe, Department of Science & Technology, South Africa

**Enhancing EU-Africa S&T Cooperation through a Joint Policy Dialogue**

Nadia Meyer, German Aerospace Center (DLR), Germany

**Practical Approaches to Identifying Areas of Potential Cooperation in S&T between Africa and Europe under the EU Framework Programme**

Jean Albergel, IRD, France

09:00 Session 9d **eInclusion – Using ICT to Support Rural Communities**

Chair: **Ilari Lindy, ENISA, Greece**

**Towards a Modelling Framework for Information and Communication Technology Use in Commercial Agriculture: Significant Factors in a Developing Country**

Rachael Tembo, Cape Peninsula University of Technology, South Africa

**Using ICTs for Managing Network Genebanks: The Case of SADC Plant Genetic Resources Centre**

Barnabas Kapange, SADC Plant Genetic Resources Centre (SPGRC), Zambia

**Access to Digital Content and Information in Developing Countries: the Case of Agricultural Research and Development in Uganda**

Raphael Aregu, University of Groningen/Gulu University, Netherlands

**ICT as an Enabler for Maximising the Local Economies of Small-town, Rural Africa**

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

**Internet in Rural areas of Zambia: A User Study**

Paula van Hoorik, TNO, Netherlands

10:30 Coffee Break

Exhibition & Networking

11:00 Session 10a

eGovernment - Applications

Chair: **Gareth MacNaughton, Lane & Hapiak Consulting, United Kingdom**

**Challenges and Barriers of Introducing ICT to Enhance Functioning of Parliaments**

Vasilis Koulolias, Gov2u, Greece

**Towards the Introduction of PDAs to Support Decision Making Process: Case of MPs in Tanzania**

Zuberi Kirondomara, University of Joensuu, Republic of Tanzania

**E-Government in the Public Service of Namibia: A Records Management Perspective**

Cathrine Tambudzai Nengomasha, University of Namibia, Namibia

**A Proposed Implementation of SAML V2.0 in an e Government Setting**

Carina Wangwe, Parastatal Pensions Fund, United Republic of Tanzania

**eGovernment and Sociotechnical Feedback Control System**

Lourino Chemane, ICT Policy Implementation Technical Unit (UTICT), Mozambique

11:00 Session 10b **eInfrastructures 2: Leveraging Telecommunications**

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

**Hybrid Satellite-wireless Solutions for Broadband Coverage in Rural and Remote Areas: from TWISTER to NeT-ADDeD**

Maria Zapata Margeli, ASTRIUM SAS, France

**Towards a Viable Broadband Solution in Southern Africa: the Potential of WiMAX Technology**

Maghmuda Ockards, CPUT, South Africa

**6DEPLOY: IPv6 Deployment Support**

Martin Potts, Martel, Switzerland

**To Over-come the Distance and Time Friction**

Theodorus Klein, Telecom Namibia, Namibia

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

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

**The START/EuroAfrica-ICT Initiative**

Tshepang Mosiea, Meraka Institute, South Africa

**Advancing Science and Technology through Partnerships**

Mmboneni Muofhe, Department of Science and Technology, South Africa

**ST-EAP (Science Technology-Europe Africa Project)**

Zethu Mkhondo, CSIR, South Africa

**Discussion**

11:00 Session 10d

ICT for Environmental Risk Management

Chair: **Guy Weets, University of Luxembourg**

**The TALOS Project in Disaster Management and Delivery of Urgent Information**

Manolis Stratakis, FORTHnet, Greece

**Uniform Research Management**

Karel Charvat, Wirelessinfo. Czech Republic

**Humboldt for Forestry Data Harmonisation**

Otakar Cerba, Czech Centre for Science and Societyo. Czech Republic

**Dynamic Geospatial Infrastructure for Forest Fires**

Karel Charvat, Wirelessinfo. Czech Republic

**ICT for ERM - A Sustainable Approach for Africa**

Guy Weets, University of Luxembourg

12:30 Lunch

Exhibition & Networking

13:30 Closing Plenary 12a

**ARAPKE Flagship Projects**

Moses Bayingana, HRST, African Union Commission

**Overview of the ICT Activities supported by NEPAD S&T and Flagship Projects**

Dr John Mugabe, NEPAD S&T

**UNECA's ICT and Science & Technology Programme: Supporting the Development of ICT National Strategies**

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

**UNESCO Virtual Campus of Universities for Africa**

Dr Shamila Nair-Bedouelle, Division of Science Policy and Sustainable Development, UNESCO

**How SPIDER Makes Knowledge More Accessible to Developing Regions**

Ms. Magda Berhe, The Swedish Program for ICT in Developing Regions

**Best Paper Award**

**Best Demonstration Stand Award**

**Formal Closing of Conference**

Dr. Libertina Amathila, Deputy Prime Minister, Republic of Namibia

The Programme 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 2008** delegates to register online. Each delegate should be registered separately.

## Conference Fees

### Authors Fees (Due by 14 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 14 March)

- Early Bird - African States (1) **€200**
- 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 15 March

- Delegate Full Price - African States (1) **€250**
- 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 during morning and afternoon breaks
- Cocktail Networking Reception
- Gala Dinner
- 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, St. Lucia, St. Vincent, Suriname, Trinidad & Tobago, Cook

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, Palestinian-administered areas)

**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 2008** must complete their payment registration by **14 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 2008 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 06 May from 16:00 to 19:00 and will remain open during normal conference hours from 08:00 on Wednesday.

## Major Places of Interest

Windhoek is the capital of Namibia. The City centre is quite compact and it is possible to walk to all major sites. Walking Tours are available from the Tourist Information office.

While in Windhoek, delegates and accompanying persons should ensure they visit the Christuskirche, St Georges Cathedral, Das Reiterdankmal, Tintenpalast, Alte Feste, Zoo Park, Independence Avenue and Clock Tower, the Namibian Craft Centre and Daan Viljoen Game Park (20km east of Windhoek).

After the conference, delegates should also try to visit Swakopmund, Walvis Bay, Skeleton Coast or Etosha National Park.

## Climate

Average temperatures in Windhoek in May are temperate, ranging from 12 to 23 degrees Celsius.

## Networking Reception

The **IST-Africa 2008** Organising Committee is pleased to announce that a Networking Reception will be held in the **IST-Africa 2008 Exhibition** area in the Windhoek Country Club on Wednesday 07 May, from 18:30 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.

## Gala Dinner

The **IST-Africa 2008** Organising Committee is pleased to announce that a Gala Dinner hosted by the Ministry of Education Namibia for conference delegates, will be held in the Windhoek Country Club on Thursday 08 May, from 19:30 to 22:00. Participation at this function must be confirmed in advance with Conference Secretariat.

## Partners' & Post Conference Social Programme

During the three days of the Conference, a partners' programme will be organised, subject to sufficient demand. If you intend to bring an accompanying person with you to Namibia, please confirm this as part of the online registration process.

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 2008** Conference Portal in March.

## Visa Information

It is necessary for conference delegates to secure a visa to attend conferences in Namibia. It has been agreed with Ministry of Home Affairs that confirmed delegates can secure a visa upon arrival at Windhoek International Airport. The visa fee is between 20 USD

and 50 USD.

If you are travelling via another African country to get a connecting flight to Windhoek, please check well in advance if you need a visa for this country.

The **IST-Africa 2008** 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. Conference delegates who intend to travel to Etosha National Park 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 Namibia and Southern 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.

**IST-Africa** has started collaborating with the Kenya Ministry of Higher Education, Science and Technology to support the Kenyan research community.



## Exhibition

**IST-Africa 2008** 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 Education	Ministry of Education	Namibia
Ministry of Information and Communication Technology	Ministry of ICT	Namibia
Digital World Forum	W3C	France
WirelessInfo Rural Living Lab	WirelessInfo	Czech Republic
ESASTAP	Department of Science and Technology	South Africa
SAP	SAP	South Africa
Polytechnic of Namibia	Polytechnic of Namibia	Namibia
University of Namibia	University of Namibia	Namibia
Telecom Namibia	Telecom Namibia	Namibia
GijimaAst	GijimaAst	Namibia
MultiChoice Africa	MultiChoice Namibia	Namibia

**Conference Portal & Delegate Showcase**  
[www.IST-Africa.org/Conference2008](http://www.IST-Africa.org/Conference2008)

### IST-Africa 2008 Additional Supporting Organisations

