IST-Africa 2010
Final Programme

Durban, South Africa

19 - 21 May 2010

IST-Africa is supported by the European Commission under the ICT Programme

ISTAfrica

European Commission
Information Society and Media

Host Government

science & technology
Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

Major Sponsors

SAFIPA
South Africa-Finland

NOKIA

Technical Co-Sponsor

computer society
SOUTH AFRICA

IEEE

Introduction

IST-Africa 2010 Conference & Exhibition takes place 19 - 21 May 2010 in Durban, South Africa. Part of the **IST-Africa Initiative**, which is supported by the European Commission under the ICT Theme of Framework Programme 7 (FP7), **IST-Africa 2010** is the fifth 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 South Africa through the Department of Science and Technology and Technically Co-Sponsored by IEEE and the Computer Society of South Africa, **IST-Africa 2010** 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, Digital Libraries, Technology Transfer, Open Source Software, ICT for eInclusion and eAccessibility, eInfrastructures, RFID and ICT for Networked Enterprise and eGovernment and eDemocracy. **IST-Africa 2010** 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 2010** 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,

Who will you meet?

IST-Africa 2010 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 2010 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 2010 Conference & Exhibition takes place in the Durban International Convention Centre, South Africa. Durban is a major port city located in the Province of KwaZulu-Natal, on the east coast of South Africa, one hour by air from Johannesburg.

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 40 thematically focused parallel sessions featuring different aspects of International Cooperation, eHealth, eInfrastructures, Technology Enhanced Learning and ICT Skills, Digital LIbraries, eAccessibility and eInclusion, RFID and Technology Transfer, eInclusion/eAccessibility 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 19 May features a high level dialogue on Implementation of the Africa-EU Partnership on Science, Information Society and Space. The Closing Plenary on Friday 21 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 19 May 2010.

The programme is subject to change and the **IST-Africa 2010** 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.

JEG8 Meeting 18 May 2010

The meeting of the Joint Expert Group (JEG8) for the 8th Africa-EU Strategic Partnership for Science, Information Society and Space will be hosted by the Department of Science and Technology in association with **IST-Africa 2010** on Tuesday 18 May from 14:00 - 18:00 in Durban ICC.

This meeting follows on from the previous JEG8 meeting hosted by Ministry of Higher Education and Scientific Research, Egypt in Cairo on 05 - 06 March in association with the African Ministerial Conference for Science and Technology.

IST-Africa 2010 delegates are invited to pre-register for this public meeting on Tuesday 18 March, which will share achievements to date within the three pillars of activities, lighthouse projects currently being launched and a discussion of the way forward.

Networking Reception

The IST-Africa Consortium are pleased to announce that a Networking Reception will be held in the **IST-Africa 2010 Exhibition** area in the Durban International Convention Centre on Wednesday 19 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.

Conference Dinner

The IST-Africa Consortium are pleased to announce that the Conference Dinner will take place on Thursday 20 May, from 19:30 - 22:30.

Cyber Café

IST-Africa 2010 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 2010** 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 Durban. 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 Hilton Durban, which is beside the Convention Centre and hotels along the Golden Mile (beach front 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/Conference2010

How to get there

The Durban International Airport is located one hour by air from Johannesburg. Delegates are advised to book flights to South Africa and accommodation as early as possible.

Transportation from Airport

From 01 May, all flights will arrive and depart from King Shaka International Airport, which is 35 kms north of Durban's city centre.

Shared Shuttle services that stop at all main hotels and the Durban International Convention Centre are available outside the airport. A single fare is R80

A taxi from the aiport to the Durban International Convention Centre will cost c R320.

19 - 21 May 2010

Plenary Session Speakers

Hon. Naledi Pandor
*Minister of Science &
Technology, South Africa*

Prof. Hany Helal
*Minister of Higher Education &
Scientific Research, Egypt*

Vera Brenda Ngosi
*Director, HRST
African Union Commission*

Dr. Phil Mjwara
*Director-General DST
South Africa*

Antti Peltomäki
*DG Information Society &
Media, European Commission*

Mohamed Ben Amor
*DG CERT, Tunisia
Co-Chair JEG8*

Ilari Lindy,
*Ministry of Foreign
Affairs, Finland*

Joaquim Croca
Vodafone Health Solutions

Helena Tapper
*Counsellor ICT4D, Embassy
of Finland, South Africa*

Keynote Speakers confirmed as at 10 May 2010 include:

- **Hon. Naledi Pandor,** Minister of Science and Technology, South Africa
- **Hon. Prof. Hany Helal,** Minister of Higher Education and State for Scientific Research, Egypt (AMCOST Chair)
- **Mrs Vera Brenda Ngosi,** Director, HRST, African Union Commission
- **Dr. Phil Mjwara,** Director-General, Department of Science and Technology, South Africa
- **Mr. Antti Peltomäki,** Deputy Director-General, DG Information Society and Media, European Commission
- **Ms. Mamodupi Mohlala,** Director-General, Department of Communications, South Africa (tbc)
- **Mohamed Ben Amor,** Director General, Centre d'Etudes et de Recherche des Télécommunications (CERT), Tunisia, Co-chair Joint Expert Group for 8th Africa-EU Strategic Partnership (JEG8)
- **Ilari Lindy,** Advisor, Information Society for Development, Ministry for Foreign Affairs of Finland
- **Joaquim Croca**, Head of Vodafone Health Solutions
- **Prof John Wood**, Chair, European Research Area Board, United Kingdom
- **Mr. Thierry Devars,** International Relations, DG Information Society and Media, European Commission
- **Ms. Helena Tapper,** Counsellor for Information Society for Development, Science and Technology, Embassy of Finland, South Africa (SAFIPA Programme)
- **Ms.Fadila Boughanemi,** International Relations, DG Research, European Commission

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 2010** International Programme Committee includes

- **Paul Cunningham,** IIMC, Ireland (Conference Chair)
- **Prof. Jørn Braa,** Oslo University Norway
- **Laurens Cloete,** Meraka Institute, South Africa
- **David Browne,** Telkom, 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
- **Kristiina Lahde,** SAFIPA Programme, South Africa
- **Ilari Lindy,** Ministry for Foreign Affairs, Finland
- **Vasilis Koulolias,** Gov2U, Greece
- **Gareth MacNaughton,** Lane & Hapiak Consulting, UK
- **Prof. Maurice Mars,** University of KwaZulu-Natal, South Africa
- **Loi Namugenyi,** Uganda National Council for Science & Technology, Uganda
- **Mícheál Ó Foghlú,** TSSG, WIT, Ireland
- **Maggy Pézeril,** Pôle Universitaire Européen, France
- **Bernard Stevenot,** SpaceBel, Belgium
- **Richard Stevens,** European Genetics Foundation, Italy
- **Prof. Erkki Sutinen,** University of Joensuu, Finland
- **Helena Tapper,** Embassy of Finland, South Africa
- **Prof. Wallace Taylor,** TISI, South Africa

- **Daan du Toit,** Senior Science and Technology Representative in Europe, Department of Science & Technology, South Africa
- **Darelle van Greunen,** Nelson Mandela Metropolitan University, South Africa
- **Maseqobela Williams,** Ministry of Communications, Science & Technology, Lesotho
- **Dr. Harold Wesso,** eSkills Institute, South Africa

Organising Committee

- **Miriam Cunningham,** IIMC, Ireland
- **Paul Cunningham,** IIMC, Ireland
- **Mmboneni Muofhe,** Department of Science and Technology, South Africa
- **Thabisa Mbungwana,** Department of Science and Technology, South Africa

Conference Secretariat

IIMC Ltd
13 Docklands Innovation Park, 128 East Wall Road, Dublin 3, Ireland
Tel: +353 (0) 1 8170607
Fax: +353 (0) 1 8170606
e-mail: **secretariat@IST-Africa.org**

www.IST-Africa.org/Conference2010

1 DAY

Wednesday, May 19, 2010

08:00	Registration
09:00	Opening Plenary 1a

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

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

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

AMCOST Consolidated Plan of Action - Keynote Address
Prof. Hany Helal, Minister of Higher Education and State for Scientific Research, Egypt (AMCOST Chair)

10:15 Coffee Break	Exhibition & Networking

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

Panel Participants include:

Prof. Hany Helal, Minister of Higher Education and State for Scientific Research, Egypt (AMCOST Chair)

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

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

Ms. Mamodupi Mohlala, Director-General, Department of Communications, South Africa (tbc)

Mohamed Ben Amor, Director General, CERT, Tunisia, Co-chair JEG8

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

Prof. John Wood, Chair, European Research Area Board, United Kingdom

Joaquim Croac, Head of Vodafone Health Solutions

12:30 Lunch	Exhibition & Networking

14:00 Session 3a 8th Africa-EU Strategic Partnership - Information Society

Chairs: Mohamed Ben Amor, CERT, Tunisia & Ilari Lindy, Ministry for Foreign Affairs, Finland

P8/Information Society Lighthouse Projects: Status of Implementation & Remaining Challenges

Policy Developments regarding African Regional Priorities and Programmes in the ICT Domain

Available Financing Instruments and Financial Perspectives

Discussion

14:00 Session 3b eGovernment - Services

Chair: Immo Onuegbu, Ministry of Education, Namibia

Balancing Security and Privacy in eGovernment Services
James Clarke, Waterford Institute of Technology, Ireland

Mobile Government for Improved Public Service Provision in South Africa
Mzomuhle Nkosi, CSIR, South Africa

Proposed Information Access Network Architecture for Government Information and Services: Progress Report
Lerato Lerato, National University of Lesotho, Lesotho

Embracing eGovernment in Service Delivery and Business to Citizens through Libaries in Kenya
Emily Ng'Eno, Moi University: School of Information Science, Kenya

The HAE Bottom-Up Model (HAE-BUM): Envisages the Enhancement of Development and Strengthen e-Governance or e-Government Implementation Systems
Jameson Mbale, University of Namibia, Namibia

14:00 Session 3c Technology Enhanced Learning

Chair: Darelle van Greunen, Nelson Mandela Metropolitan University, South Africa

Teaching and Learning with New Technologies - A Tough Nut to Crack
Jacqueline Batchelor, University of Pretoria, South Africa

Sustainable, Scalable and Affordable Mobile Learning Service for Formal Education
Riitta Vänskä, NOKIA, South Africa

Metaschool.cz - Towards Teacher Competencies with Web 2.0
Karel Charvat, Ceske centrum pro vedu a spolecnost, Czech Republic

Google Docs and Skype for a low bandwidth Virtual Classroom for Developing Countries
Hannah Thinyane, Rhodes University, South Africa

The SANTED Virtual Classroom Project: A Case Study
Kauna Mufeti, University of Namibia, Namibia

14:00 Workshop 3d ICT R&D Innovation Strategy

Chair: Isaac Maredi, Department of Science & Technology, South Africa

ICT R&D and Innovation: Supporting Key Government Outcomes
Isaac Maredi, Department of Science and Technology, South Africa

South African National Cyberinfrastructure, the Knowledge Triangle and Innovation
Colin Wright, Meraka Institute, South Africa

The SAP Meraka UTD Public Private Partnership
De Wet Naude, SAP, South Africa

Open Source and Open Standards: A Sustainable Innovation Strategy for African Parliaments
Flavio Zeni, UNDESA, Kenya

14:00 Workshop 3e Emerging e-Infrastructures for Science in Sub-Saharan Africa

Chair: Bruce Becker, Meraka Institute, South Africa

Development and Status of the South African National Grid
Bruce Becker, Meraka Institute, South Africa

High Performance Computing to Grid Computing at UFS
Albert van Eck, University of the Free State, South Africa

Policy Engagement in e-Infrastructure from the BELIEF Experience
Simon Taylor, Brunel University, United Kingdom

15:30 Coffee Break	Exhibition & Networking

16:00 Session 4a 8th Africa-EU Strategic Partnership - Information Society

Chair:s Mohamed Ben Amor, CERT, Tunisia & Ilari Lindy, Ministry for Foreign Affairs, Finland

Showcase of EU and African Member States Funded Activities; Proposals for New Activities

Advancing the Information Society Agenda
Themba Phiri, Department of Communications, South Africa

Finland STI Programmes in South Africa and Southern Africa
Helena Tapper, Embassy of Finland, South Africa

ICT Initiatives in Mauritius
Dan Faugoo, National Computer Board, Mauritius

How to Bridge the Digital Divide in Africa? Case Studies in Zambia
Lenka Ptáčková Melicharová, Deputy Minister of Interior (EU Affairs), & Jiří Průša, Czech Republic

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

Programme

19 - 21 May 2010

ICT Initiatives in Botswana
Oabona Monngakgotla, Ministry of Infrastructure, Science and Technology, Botswana

16:00 Session 4b   eGovernment - Assessment

Chair: Love Ekenberg, University of Stockholm, Sweden

Are e-Government investments delivering against expected payoffs? Evidence from the United Kingdom and South Africa
Rennie Naidoo, Wits, South Africa

Measuring the Public Value of e-Government: Methodology of a South African Case Study
Carsten Friedland, SAP Research, Germany

Public Decision Making Support: A Developing Country Perspective
Love Ekenberg, Stockholm University, Sweden

A Conceptual Ontology for E-government Monitoring of Development Projects in Sub Saharan Africa
Jean Vincent Fonou Dombeu, Vaal University of Technology, South Africa

A Critical Discourse or the ICT Strategies of the Center for Innovation, Provincial Government of the Western Cape
Steve Vosloo, Shuttleworth Foundation, South Africa

16:00 Session 4c Technology Enhanced Learning - Integrating new elements

Chairs: Wallace Taylor, TISI - The Information Society Institute, South Africa

A Pragmatic Framework for Integrating ICT into Education in South Africa
Adele Botha, Meraka Institute, South Africa

Harnessing Available Technology for Secondary School Education in Africa
Vincent Kizza, Open Education Resource Foundation(OERF), Uganda

Indigenous African Artefacts: Can they Serve as Tangible Programming Objects?
Andrew Smith, CSIR Meraka Institute, South Africa

Working for my dreams - A Tanzanian OLPC experience
Marcus Duveskog, University of Joensuu, Finland

Science Diffusion as a Form of Cooperation
Antonio Jose Batel Anjo, Universidade de Aveiro, Portugal

16:00 Workshop 4d   SAFIPA - Disruptive Innovation in Emerging Markets - A Catalyst for Reducing Poverty and Improving Lives?

Chair: Kristiina Lahde, SAFIPA Programme, South Africa & Darelle van Greunen, Nelson Mandela Metropolitan University, South Africa

Position 1: How are emerging market companies forging ahead of the competition? Emerging markets have low worldwide costs, appealing products, modern facilities, and ambitious leaders going for them.
Position 2: Emerging markets are generating a wave of disruptive product and process innovations that are helping established companies and a new generation of entrepreneurs to achieve new price-performance levels for a range of globally traded goods and services.
Position 3: Western companies should not have to adapt old business models and build distinctive capabilities in the low-income segments of emerging economies. There is no such thing as the Bottom of the Pyramid.
Position 4: "Disruptive innovation" is only applicable to describe trends in the rapidly changing worlds of telecoms and pharmaceuticals. Digital and photocopying technologies are examples of disruptive innovations in emerging economies.
Panelists include
Kimmo Viljamaa, Advansis Ltd, Finland
Stephan Lambrecht, Venture Solutions
Discussion

16:00 Workshop 4e   Emerging e-Infrastructures for Science in Sub-Saharan Africa

Chair: Bruce Becker, Meraka Institute, South Africa

Development of an EUGridPMA-accredited Certificate Authority for the South African National Grid
Tarirai Chani, Meraka Institute, South Africa

Long-term Sustainability of Emergent e-Infrastructures
Valeria Ardizzone, Istituto Nazionale di Fisica Nucleare Sez. Catania, Italy

GILDA: A Model of t-Infrastructure for Dissemination and Training
Valeria Ardizzone, Istituto Nazionale di Fisica Nucleare Sez. Catania, Italy

Considerations of User Engagement in New Site Designs
Andrew Lewis, University of Cape Town, South Africa

18:00 Networking Reception in Exhibition

08:00 Workshop 5a 8th Africa-EU Strategic Partnership - Information Society

Chair: Mohamed Ben Amor, CERT, Tunisia & Ilari Lindy, Ministry for Foreign Affairs, Finland

Showcase of EU and African Member State Funded Activities; Proposals for New Activities (continued)

ICT Initiatives being supported by France
Jean-Pacal Chatel, Ministry of Finance, France

ICT Initiatives in Kenya
Eric Mwangi, Ministry of Higher Education, Science and Technology, Kenya

ICT Initiatives in Tanzania
Hamisi Nguli, Tanzania Commission for Science and Technology

ICT Initiatives in Cameroon
Peter Mokube, National Agency for Information and Communication Technologies, Cameroon

ICT Co-operation between the Italian Republic and the Republic of South Africa
Giusto Sciarabba, Embassy of Italy, South Africa

ICT Initiatives in Uganda
Maxwell Otim, Uganda National Council for Science and Technology

Presentations from Industry on PPP Tracks; Recommendations from the EU-Africa Business Forum
Discussion on Prioritization Criteria and Concrete Way Forward to Support Implementation of the Selected Initiatives P8/Information Society Action Plan 2011-2013 & EU-Africa Summit Side-events

09:00 Session 5b Technology Transfer & Leveraging ICT to address the Digital Divide

Chair: Helena Tapper, Embassy of Finland, South Africa

Desirable Practices for Contact Centres Outsourced to an African Country
Mike Hart, University of Cape Town, South Africa

Technology Solutions to Strengthen the Integration of Marginalized Communities into the Global Knowledge Society
Jimmy Samalenge, University of Fort Hare, South Africa

Bridging the Digital Divide through Community User Information Systems: Kitsong Centres
Resego Morakanyane, Botswana Technology Centre, Botswana

09:00 Session 5c Technology Enhanced Learning - Leveraging Devices to Improve Skills

Chair: Wallace Taylor, TISI, South Africa

The eSkills Summit & Building a National eSkills Plan of Action
Harold Wesso, Meraka eSkills Institute, South Africa

BingBee @ RaglanRoad – A Field Trial with Unattended Educational Kiosks
Peter Wentworth, Rhodes University, South Africa

Hypercontextualizing a Game Workshop in Tanzania
Carolina A. Islas Sedano, Joensuu University, Finland

C³TO: An Architecture for Implementing a Chat Based Call Centre and Tutoring Online
Laurie Butgereit, Meraka Institute, South Africa

Dr Math gets MUDDY: The "dirt" on How to Attract Teenagers to Mathematics and Science by Using Multi-User Dungeon games over Mxit on Cell Phones
Laurie Butgereit, Meraka Institute, South Africa

Technology Enhanced Learning from a Government Perspective
Rosey Sekese, Department of Communications, South Africa

[6 - 7] F i n a l

09:00 Session 5d   eAccessibility - Case Studies

Chair: Darelle van Greunen, Nelson Mandela Metropolitan University, South Africa

Mathematics and Visually Impaired Students: The Lambda system
Giuseppe Nicotra, Universita degli Studi di Milano, Italy

Access to Music by Blind People
Giovanni Bertoni, Arca progetti srl, Italy

An Alternative Multi-User Interaction Screen: Initial Ergonomic Test Results.
Andrew Smith, CSIR Meraka Institute, South Africa

Accessibility
Gift Buthelezi, Department of Communications, South Africa

The National Accessibility Portal and Social Networking Sites: How to Make Facebook and Twitter Work for You
Laurie Butgereit, Meraka Institute, South Africa

09:00 Workshop 5e   Building a Research and Education Network Infrastructure in Africa: of the art of African Research and Education Networking and lessons from South America

Chairs: Francis Tusubira, UbuntuNet Alliance, Uganda

WACREN
Omo Oaiya, WACREN, Ghana

UbuntuNet Alliance
Duncan Martin, UbuntuNet Alliance, South Africa

RED CLARA
María José López, RED CLARA, Chile

InnovaRed, Argentina
Aníbal Gattone, Innova-Red, Argentina

10:30 Coffee Break   Exhibition & Networking

11:00 Workshop 6b IST-Africa - Linking European and African Researchers

Chairs: Paul Cunningham, IIMC Ltd, Ireland & Anneline Morgan, Department of Science & Technology, South Africa

Research Capacity and Challenges in South Africa
Mmboneni Muofhe, Department of Science and Technology, South Africa

Research Capacity and Challenges in Lesotho
Lefa Thamae, Ministry of Communications, Science and Technology, Lesotho

Research Capacity and Challenges in Namibia
Immo Onuegbu, Ministry of Education, Namibia

Research Capacity and Challenges in Burundi
Augustin Nsabiyuma, Ministry of Higher Education and Scientific Research, Burundi

Research Capacity and Challenges in Senegal
Almamy Konte, Ministère de la Recherche Scientifique, Senegal

14:00 Session 6b   Digital Libraries

Chair: Bernard Stevenot, SPACEBEL, Belgium

Open Knowledge on e-Infrastructures - The BELIEF Digital Library
Simon Taylor, Brunel University, United Kingdom

Experiences with Developing Language Processing Tools and Corpora for Amharic
Björn Gambäck, Swedish Insitute of Computer Science AB, Sweden

Challenges of Library and Information Science Capacity Building in Southern Sudan: A Situational Analysis
Elisam Magara, Makerere University, Uganda

ICT User Skills Building and the possibility of incorporating Intelligent Content in Research4Life Programmes in Sub-Saharan Africa
Sailas Nyareza, Information Training and Outreach Centre for Africa, South Africa

11:00 Session 6c   Technology Enhanced Learning in Third Level Institutions

Chair: Harold Wesso, Meraka eSkills Institute, South Africa

Accordent Media Management System Technology And Its Integration With The MERLINGO Portal Services
Ivo Martiník, VŠB-Technical University of Ostrava, Czech Republic

E-Learning2.0 – The Power of Participation: Case Study on Further Developing Standards and Quality Assurance for e-Learning within the ACVCD-Project
Stephan Raimer, College of Cooperative Education Schleswig-Holstein, Germany

The Impact of Podcasting on Student Lecture Attendance.
Juan de Lange, University of KwaZulu-Natal, South Africa

The SAFIPA-Meraka Code-sprints Program; A Mechanism to Enhance the Development Capacity of Emerging Developers - Observations and Lessons Learned
Louis Coetzee, Meraka Institute, CSIR, South Africa

Strategizing Computer-supported Collaborative Learning towards Knowledge Building
Evode Mukama, National University of Rwanda, Rwanda

11:00 Workshop 6d   Services for the Autonomous Living and Mobility of the Elderly

Chair: Maria Panou, Hellenic Institute of Transport, Greece

An Ontological Framework for the Elderly to Control their Home Environment (OASIS project)
Gerrit Telkamp, DOMOLOGIC, Germany

eHealth Services for the Elderly at Home and on the Move
Maria Fernanda Cabrera, Polytechnic University of Madrid, Spain

Use Cases and Scenarios for Remote Support of the Elderly to Live Autonomously Alone (REMOTE project)
Evangelos Bekiaris, Hellenic Institute of Transport, Greece

User Interfaces and Strategies for Guidance of Elderly in Emergencies through Nomadic Devices (SAVE ME project)
Harald Widlroither, University of Stuttgart, Germany

Assessing the Accessibility of UI for all Ages
Karel Van Isacker, MCA, Bulgaria

Pedestrian and Multimodal Route Guidance Adaptation for Elderly Citizens (ACCESS2ALL project)
Maria Panou, Hellenic Institute of Transport, Greece

11:00 Workshop 6e   Building a Research and Education Network Infrastructure in Africa - Emerging Content and Applications Networks

Chair: Bjorn Pehrson, KTH, Sweden

ERINA
Simon Taylor, Brunel University, United Kingdom

ERINA4Africa
Margaret Ngwira, UbuntuNet Alliance for Research and Education Networking, Malawi

Grid Computing in Africa
Bruce Becker, Meraka Institute, South Africa

Practical Case Study in Uganda: ICT used in the Agricultural Sector
Nodumo Dhlamini, REFORUM, Uganda

Example from CLARA
Aníbal Gattone, Innova-Red, Argentina

12:30 Lunch   Exhibition & Networking

14:00 Workshop 7a   Africa4All – Leveraging ICT in African Parliaments I

Chair: Vasilis Kouloulias, Gov2U, Greece

Africa4All Parliamentary Initiative
Vasilis Kouloulias, Gov2U, Greece

Current ICT Initiatives and Future Plans for Civil Engagement at the Parliament of Namibia: Successes, Challenges and Lessons Learnt
Marianne Gei-khoibes, National Assembly of the Parliament of Namibia

Initial Experiences in Parliament of Lesotho
Moeketsi Liphoto, National Assembly of the Parliment of Lesotho

Experiences from the eParliament project in Mauritius
Nirveeka Callychurn, National Assembly, Mauritius

14:00 Workshop 7b   Challenges & Opportunities for African-European ICT Partnerships in FP7

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

Taking Advantage of FP7 Opportunities
Mmboneni Muofhe, Department of Science & Technology, South Africa

The State of African Participation in ICT Theme of FP7
Segopotso Moshapo, SAP Research CEC Pretoria, South Africa

Experiences from the Digital World Forum Project
Thato Foko, Meraka Institute, South Africa

EuroAfrica-ICT - Promoting and Supporting the Development of S&T Cooperation on ICT Research between Europe and Sub-Saharan Africa
Karine Valin, Sigma Orionis, France

GEO-Africa/AfricaSat-1 project
Gregory Pedersen, EADS Astrium, France

14:00 Session 7c   Technology Enhanced Learning - Case Studies

Chair: Love Ekenberg, University of Stockholm, Sweden

Technology Enhanced Learning for Remote Nurses in KwaZulu-Natal
Jennifer Chipps, UKZN, South Africa

Making an Information for Development Study Centre Operational
Erkki Sutinen, University of Joensuu, Finland

Mobile and Context: Divide or Conquer
Adele Botha, Meraka Institute, South Africa

The Intranet as a Knowledge Enabler towards a KM strategy in a South African organisation
Udo Averweg, Information Services, eThekwini Municipality and University of KwaZulu-Natal, South Africa

Go Mobile! The Mobile Learning Institute Leadership Summit
Adele Botha, Meraka Institute, South Africa

14:00 Session 7d   eHealth - Issues and Case Studies

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

Medical Research Council and eHealth in South Africa
Jill Fortuin, Medical Research Council, South Africa

Privacy and Data Protection in eHealth: A Comparative Approach between South African and French Legal Systems
Nathalie Ferraud-Ciandet, Grenoble Ecole de Management, France

BudhuDas: An eHealth Business Model for Emerging Countries
Yvonne Wickramasinghe, Univeristy of Colombo, Sri Lanka

HealthChange: A Change Management Model for an eHealth Solution in Developing Countries
Dulindra Wijethilake, University of Colombo, Sri Lanka

14:0 Workshop 7e   Building a Research and Education Network Infrastructure in Africa: Political Awareness, Will and Capacity

Chair: Leonardo Flores, European Commission & Ahmed Hamdy, AUC

European Commission Perspectives
Kostas Glinos, European Commission, Belgium

African Union Commission Perspectives
Vera Ngosi, African Union Commission, Ethiopia

The AfricaConnect Implementation Plan
Cathrin Stover, DANTE, United Kingdom

FEAST Identification of Remaining Gaps
Bjorn Pehrson, KTH, Sweden

The Role of African RRENs and NRENs
Boubakar Barry, AAU, Ghana

The eI-Africa Project
Karine Valin, Sigma Orionis, France

15:30 Coffee Break   Exhibition & Networking

16:00 Workshop 8a   Africa4All – Leveraging ICT in African Parliaments II

Chair: Vasilis Kouloulias, Gov2U, Greece

Enhancing Democracy through use of ICT - Experience of Uganda
Aloysius Makata, Parliament of Uganda

ICT for Productivity in Parliament: Kenya Parliament Experiences
Owino Harrison, Kenya National Assembly, Kenya

Leveraging ICT in the Parliament of Tanzania
Didas Wambura, Parliament of the United Republic of Tanzania

Panel Discussion

16:00 Workshop 8b Research Interoperability, Digitisation Techniques and Digital Preservation: the Europeana context

Chair: Robert Davies, EuropeanaLocal, United Kingdom

Research and the interoperability of Europeana
Robert Davies, EuropeanaLocal, United Kingdom

Technologies, Standards and Business Models for the Formation of Virtual Collections of 3D Replicas of Museum Objects: the 3D-COFORM Project
Franco Niccolucci, STARC, Cyprus

The work of eIFL.net in the Digital Libraries Environment
Monika Segbert-Elbert, eIFL.net, Italy

African Scholarship: Bringing Local Knowledge Production to the Global Research Infrastructure
Dale Peters, University of KwaZulu Natal, South Africa

A Strategic Approach to Research Publishing in South Africa
Susan Veldsman, Academy of Science of South Africa, South Africa

16:00 Workshop 8c   SAFIPA – Digital Learning and Open Education Solutions

Chair: Ashraf Patel, SAFIPA Programme, South Africa

An Overview of new Web 2.0 Trends in Digital Education and Open Content in Africa
Thato Foko, Meraka Institute, South Africa

Maths Multimedia Pilot Project for South Africa Curriculum
Riyaadh Ebrahim, CECS, South Africa

YESA Science Education Case Study
Ron Beyers, YESA, South Africa

Mobile Learning and Digital Content Modules for Children - A Case Study
Paul Moeng, New Media, South Africa

Open Source Platforms and Tools for Online Llearning – Wits Case Study
Derek Keats, Deputy Vice Chancellor, Wits University, South Africa

Nokia Mobile Maths Project
Ritta Vaanska, Nokia, South Africa

Interactive Virtual Reality (IVR) Methodology for Community Education
Dave Lockwood, Naledi3d Factory (Pty)Ltd, South Africa

16:00 Session 8d   eHealth - Information Management Systems

Chairs: Richard Stevens, Italy

A Multi-country Examination of Approaches for Investigating the Attitudes of Health care Professionals towards the Development and Use of Information Systems
Deana Leadbeter, University of Keele, United Kingdom

Using Local Knowledge in Information Gathering Process: Case study from Ethiopia
Zufan Damtew, University of Oslo, Ethiopia

Analyzing Mother and Child Health Policy-driven Information Subsystems in Mozambique through the lens of Activity Theory
Gertrudes Macueve, Universidade Eduardo Mondlane, Mozambique

Socio-Tech SA: Made-in-South Africa Socio-technical Methods and Education for Local Software Industry to contribute to Socio-economic Development
Retha de la Harpe, CPUT, South Africa

16:00 Workshop 8e Building a Research and Education Network Infrastructure in Africa - Round Table on Next Steps and Synergy between Actors

Chairs: Vera Brenda Ngosi, Director, HRST, African Union Commission, Ethiopia & Kostas Glinos, European Commission, Belgium

Penel Participants include:
 Boubakar Barry, AAU
Francis Tusu, UbuntuNet Alliance
Cathrin Stover, DANTE
María José López, CLARA
Bjorn Pehrson, KTH

17:30 - 18:00   Exhibition & Networking

19:30 - 22:30   Conference Dinner

3 DAY

Friday, May 21, 2010

09:00 Sesssion 9a   Leveraging ICT in Rural Communities

Chair: Helena Tapper, Embassy of Finland, South Africa

Broadband in Rural Areas
Ivan Istvanffy, Director General, Section for Foreign Financial Assistance Management and Implementation, Government Office of the Slovak Republic

Further lessons from the Sekhukhune Rural Living Lab – Mobile Web Business Applications in Emerging Economies
Rudi de Louw, SAP Research CEC Pretoria, South Africa

Using Participation and Participatory Approaches to introduce ICTs into Rural Communities
Meera Joseph, University of Johannesburg, South Africa

[8 - 9] A d v a n c e

Factors influencing the Use of Information and Communication Technology by Farm Employees in Western Cape Commercial Agriculture: A Case Study of the Wine Industry
Rachael Tembo, Cape Peninsula University of Technology, South Africa

09:00 Tutorial 9b   6DEPLOY - IPv6

Chair: Martin Potts, Martel, Switzerland

Why deploy IPv6?, What is IPv6?, What are the main considerations to make when deploying IPv6?
B. Tuy, RENATER, France

Some guidelines and examples of deploying IPv6 in:
Campus networks, ISPs
B. Tuy, RENATER, France

Enterprises
B. Habraken, Cisco, Netherlands

What the EC FP7 project 6DEPLOY can offer, eg.:
Training modules & Training workshops
Martin Potts, Martel, Switzerland

An e-learning course, Deployment guidelines, Supported Testbeds in Kenya and Mauritius
B. Tuy, RENATER, France

09:00 Workshop 9c   ICT-Enhanced Learning and Citizen Empowerment across Africa

Chair: Robert Franz, Ashburn Institute, United States

Kasambya Computer Centre – from Community Initiative to Self-Sustainable Enterprise
Kseniya Khovanova, Ashburn Institute, Ukraine

Hungry for Change: ICT-Enhanced Enterprise Financing
Robert Frantz, Ashburn Institute, United States

Challenges and Potential Benefits of Small-scale ICT-Initiatives In Africa
Kyewalyanga Wahabu, Kasambya Community Computer Centre, Uganda

Developing Country-Focused ICT-Impact Evaluation Tools
Heather Thompson, Ashburn Institute, United States

09:00 Session 9d   eHealth - Case Studies

Chair: Maurice Mars, University of KwaZulu-Natal, South Africa

Training Design should consider the Health workers' Ability to Positive Training Transfer: Case Study in Ethiopia
Birkinesh Lagebo, University of Oslo, Norway

The Life and Times of an Online Support Group: a South African Case Study
Jay Barnes, Cape Peninsula University of Technology, South Africa

Some EU IST/ICT Projects As a Source for Transfer of Know How on e-Health to Africa
Dusan Soltes, Comenius University, Slovakia

09:00 Session 9e   Leveraging eInfrastructures

Chair: David Browne, Telkom, South Africa

eGY-Africa: Better Internet Connectivity to Reduce the Digital Divide
Charles Barton, Australian National University, Australia

An Energy Saving Scheme for Internet Provision in Rural Africa: LESS
Moshe Masonta, CSIR Meraka Institute, South Africa

Challenges of Evidence Acquisition in Wireless Ad-Hoc Networks
Murimo Bethel Mutanga, University of Zululand, South Africa

Distributed Government e-Mail Service: Mozambique GovNet Case Study
Sergio Mapsanganhe, ICT Policy Implementation Technical Unit (UTICT), Mozambique

The Community-oriented Computer Security, Advisory and Warning Team
Ian Ellefsen, University of Johannesburg, South Africa

10:30 Coffee Break   Exhibition & Networking

11:00 Session 10a   Leveraging RFID and Information Systems

Chair: Laurens Cloete, Meraka Institute, South Africa

An Implementation of a Multi-Agent Based RFID Middleware for Asset Management System Using the Jade Platform
Libe Valentine Massawe, Central University of Technology, Free State, South Africa

Tackling Cattle Rustling Menace Using RFID/GPS Livestock Traceability Application in the North Rift Kenya: Assessment of Options and Way Forward
Lazarus N. Kubasu, Ministry of Provincial Administration, Kenya

Mobile4D Platform
Adele Botha, Meraka Institute, South Africa

Modelling the Context of Information Systems
Mikko Korpela, University of Eastern Finland, Finland

Digital Watermarking: A State-of-the-Art Review
Ademola Adesina, University of the Western Cape, South Africa

11:00 Tutorial 10b   6DEPLOY - IPv6

Chair: Martin Potts, Martel, Switzerland

Practical IPv6 configuration exercises on routers and clients using remote access to the 6DEPLOY testbeds in Kenya and Mauritius
B. Habraken, CISCO, Netherlands & B. Tuy, RENATER, France

11:00 Workshop 10c   Technology for Communities of Practice: The Power of Collaborative Learning

Chair: Maike Schansker, United Nations University, Germany

Introduction
Maike Schansker, United Nations University, Germany

e/merge: Using Online Conferences to Promote Professional Development in Africa
Tony Carr, University of Cape Town, South Africa

Triangulating for Success: A Practitioner's Experience using External Networks to Leverage Learning and Outcomes within Organizations and Institutions
Nancy White, Full Circle Associates, United States

11:00 Session 10d   eHealth - Case Studies

Chair: Maurice Mars, University of KwaZulu-Natal, South Africa

A Pilot Study To Forecast Changes In CD4 Count of HIV-1 Positive Patients Using Machine Learning
Yashik Singh, University of KwaZulu-Natal, South Africa

Mobile M&E: Experiences from Pilot to National Scale Implementation
Eben Conley, Cell-Life, South Africa

Language, Cultural Brokerage And Informed Consent: Will Technological Terms Impede Telemedicine Use?
Caron Jack, University of KwaZulu-Natal, South Africa

11:00 Session 10e   Open Source Software Applications

Chair: Richard Stevens, European Genetics Foundation, Italy

Open Source Software Application and their Impacts on SMEs: An Action for Building an OSS Community environment in Tanzania
George S. Oreku, TIRDO, United Republic of Tanzania

Proposal for a Logistic Domain Ontology
Flavio Bonfatti, University of Modena and Reggio Emilia, Italy

Dual Licensing Policy – New Way for Software Development
Zbynek KRIVANEK, Ceske centrum pro vedu a spolecnost, Czech Republic

12:30 Lunch   Exhibition & Networking

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

Strengthening African - European Cooperation in ICT and S&T
Thierry Devars, European Commission, Belgium

Strengthening African - European Cooperation in S&T
Fadila Boughanemi, European Commission, Belgium

Initiatives being supported by Finland in Southern Africa
Helena Tapper, Embassy of Finland, South Africa (SAFIPA Programme)

Round Table Discussion - Output from JEG8 Meeting

Closing Remarks
Hon. Naledi Pandor, Minister of Science and Technology, South Africa

Best Paper Award
Best Demonstration Stand Award

Formal Closing of Conference

The Programme presented is accurate as at 10 May 2010 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 2010** delegates to register online. Each delegate should be registered separately.

Conference Fees

Authors Fees (Due by 05 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 12 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 13 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 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, Domican 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, 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 2010** must complete their payment registration by **05 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 Exibitors (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 2010 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 18 May from 16:00 to 19:00 and will remain open during normal conference hours from 08:00 on Wednesday.

Major Places of Interest

Durban is in the Province of KwaZulu-Natal, located on the east coast of South Africa. Durban has a population of c 3 million people and has one of the busiest ports in Africa. Durban is one hour by air from Johannesburg with frequent flight schedules.

While in Durban, delegates and accompanying persons should visit the 'Golden Mile' (beachfront area), uShaka Marine World, City Hall and Botanical Gardens.

Other places in interest around Durban include: Hluhluwe-Imfolozi Game Reserve, Drakensberg Mountains, the Giant's Castle World Heritage Site and the Valley of 1000 Hills.

Climate

Facing onto the Indian Ocean, Durban has a sub-tropical climate ensuring warm winters and tropical summers.

Average temperatures in Durban in May are warm, ranging from 14 - 25 degrees Celsius.

Visa Information

Conference delegates should contact the South African Embassy in your country of residence six to eight weeks prior to travelling to determine if it is necessary for you to apply for a visa in advance.

Information is also available on the South African Department of Home Affairs website

www.home-affairs.gov.za/faq.asp?topic=visas

The **IST-Africa 2010** 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. It is a good idea to check with your personal physican or travel health clinic four to six weeks prior to travelling, outlining where in South Africa you intend to visit.

Sponsors

IST-Africa 2010 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 2010 is hosted by the Government of South Africa through the Department of Science and Technology. Major sponsors include the SAFIPA Programme (cooperation between Finland and South Africa) and NOKIA.

Technical Co-Sponsors include IEEE South Africa

Computer Chapter, IEEE UKRI Computer Chapter and Computer Society of South Africa.

For further information, please contact the Conference Secretariat at **secretariat@IST-Africa.org**

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, strengthening the research dimension of Information Society policy dialogues between the European Commission and African countries and key regional organisations, analysing African ICT policy and research priorities, promoting participation of African organizations in the ICT Theme of FP7 and identifing 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), Department of Science and Technology (South Africa), Ministry of Communications, Science and Technology (Botswana), Ministry of Communications, Science and Technology (Lesotho), Ministry of Education (Namibia), ICT Policy Implementation Technical Unit (Mozambique), National Computer Board (Mauritius), COSTECH - Tanzania Commission for Science and Technology, Uganda National Council for Science and Technology, Ministry of Higher Education, Science and Technology (Kenya), Ministere de l'Enseignement Superieur et de la Recherche Scientifique (Burundi), Ministry in President's Office in charge of Information and Communication Technology (Rwanda), Agence Nationale des Technologies de l'Information et de la Communication (Cameroon), Ministère de la Recherche Scientifique (Senegal) and Ministry of Communications and Information Technology (Egypt).

Copyright © Peter Bendheim Photography

Exhibition

IST-Africa 2010 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	14 African Member States
Africa4All Parliamentary Initiative	Africa4All Consortium	5 African Member States
Department of Science and Technology	Department of Science and Technology	South Africa
SAFIPA Programme	SAFIPA Programme	South Africa
African Union Commsision	African Union Commission	Ethiopia
Technology Innovation Agency	Technology Innovation Agency	South Africa
Department of Communications	Department of Communications	South Africa
Pearson VUE	Pearson VUE	United Kingdom
Contrapunctus Project	Università degli Studi di Milano	Italy
4th Way for your Spatial Information	Ceske centrum pro vedu a spolecnost	Czech Republic
Rhodes University	Rhodes University	South Africa
Fore Hare University	Fore Hare University	South Africa
Centre for Quantum Technology	University of KwaZulu-Natal	South Africa
CSIR/Meraka Institute - Mobile Services	Meraka Institute	South Africa
Medical Research Council	Medical Research Council	South Africa
Durban University of Technology	Durban University of Technology	South Africa
University of Johannesburg	University of Johannesburg	South Africa
Central University of Technology	Central University of Technology, Free State	South Africa
University of Cape Town	University of Cape Town	South Africa
SmartXchange	SmartXchange Durban	South Africa
xCalibre	xCalibre	South Africa
African Journals OnLine (AJOL)	African Journals OnLine (AJOL)	South Africa
ITOCA - Information Training & Outreach Centre for Africa	ITOCA	South Africa
Allos Consulting (Pty) Ltd	Allos Consulting (Pty) Ltd	South Africa

Conference Portal & Delegate Showcase
www.IST-Africa.org/Conference2010

IST-Africa 2010 Additional Supporting Organisations