



**The Abdus Salam
International Centre for Theoretical Physics**



1967-12

Advanced School in High Performance and GRID Computing

3 - 14 November 2008

The EuroAfrica-ICT project.

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EuroAfriCa-ICT

www.euroafrica-ict.org

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twas

the academy of sciences for the developing world



TWAS Objectives

- Recognize, support and promote **excellence** in scientific research in the South.
- Respond to the **needs of scientists** working under unfavourable conditions.
- Support **South-South** scientific exchange and collaboration.
- Promote **South-North** cooperation between individuals and centres of excellence.
- Promote **dissemination of scientific information** and sharing of innovative experiences.



= Building scientific capacity!



TWAS vision

Scientific capacity is increasingly being recognized as an essential prerequisite for sustainable economic development.

Therefore, TWAS's ultimate goal is to see:

- A world in which scientists in the South have access to **state-of-the-art laboratories** and the **latest scientific literature**, thus enabling them to work on **critical issues** relevant to their home countries' development challenges, and to be able **to compete** with scientists in the North in terms of the excellence of their research.



TWAS activities

“Building scientific capacity in the South”

Programmes:

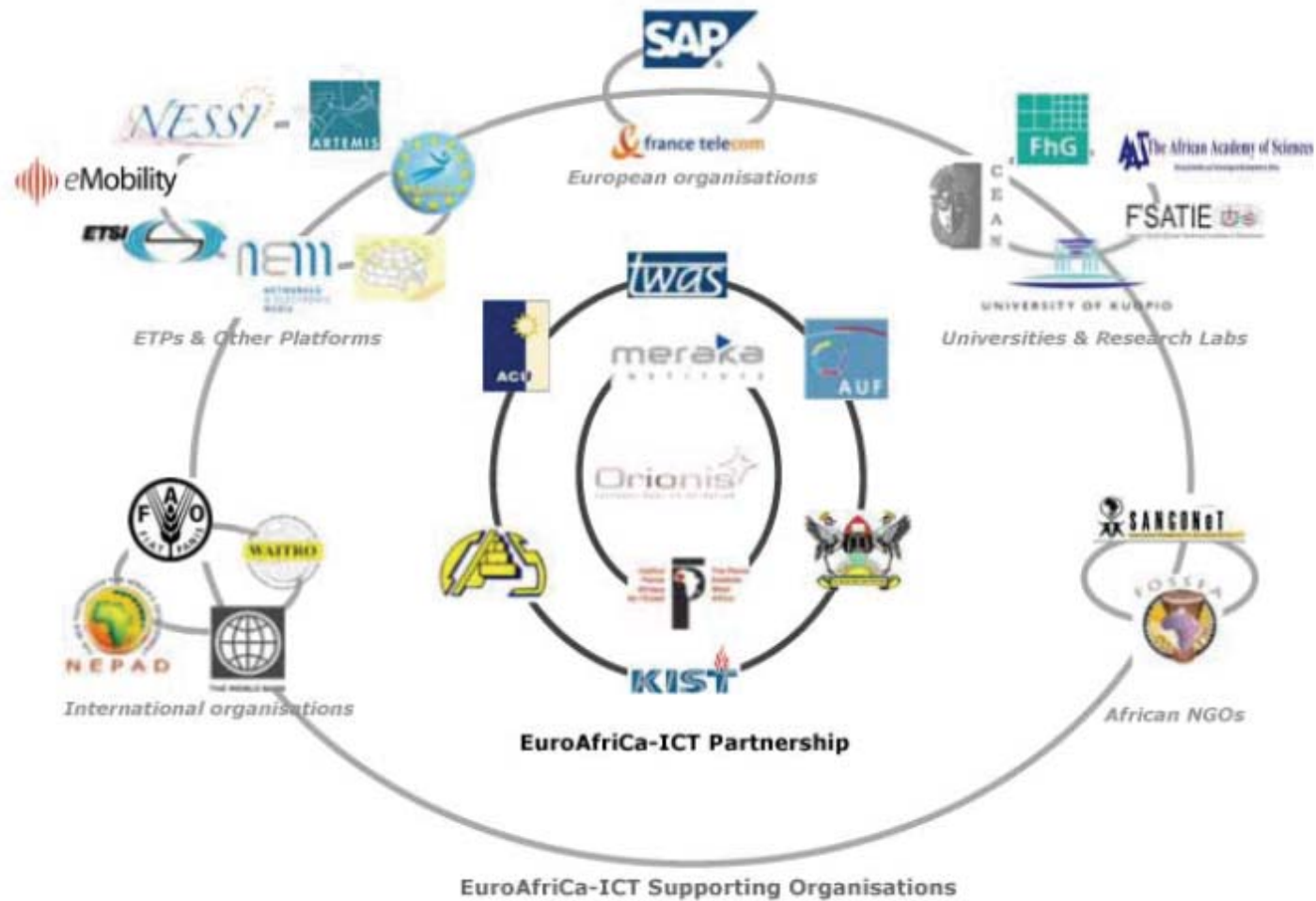
- Research grants for individuals
- Grants to research units in S&T lagging countries
- South-South fellowships
- TWAS-UNESCO associateship scheme
- Prizes for scientists in developing countries
- TWAS Research Professors in Least Developed Countries
- and others...

• **NEW!** **EuroAfriCa-ICT**
www.euroafrica-ict.org



EuroAfriCa-ICT

www.euroafrica-ict.org





Supported by the **DG InfSo** of the European Union
under the **Seventh Framework Programme (FP7)**.



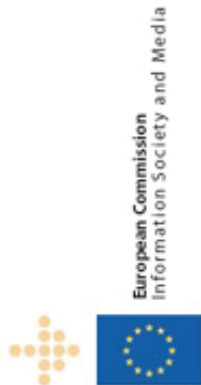
- FP7 is running from 2007 to 2013 and is providing €?? billion for collaborative scientific research.
- Institutions in so-called 'Third Countries' – including those from sub-Saharan Africa and the Caribbean – are eligible to participate in research consortia involving European institutions.
- Call 4 on the ICT theme will be announced in early November and close in March /April 2009.

For more details, see: cordis.europa.eu



Call 4 (Nov. 08): Potential ICT themes

- Pervasive and trusted network and service infrastructures
- Cognitive systems, interaction and robotics
- Components, systems and engineering
- Digital libraries and content
- Sustainable and personalised healthcare
- Mobility, environmental sustainability and energy efficiency
- Independent living and inclusion
- Future and emerging technologies



For more details, see: cordis.europa.eu



EuroAfriCa-ICT project aims at:

- building awareness of the opportunities afforded by FP7 to ICT researchers in **sub-Saharan Africa** and **the Caribbean**.
- developing links between such researchers and their counterparts in Europe.
- supporting the development of consortia and the submission of proposals that include research institutions from sub-Saharan Africa and the Caribbean.

Project involves five Work Packages – plus one project management package





Work Package 1 Led by TWAS

Objectives

To contribute to the development of dialogues between the European, sub-Saharan African and Caribbean ICT communities and between the authorities of both regions through the organization of two **Cooperation Summits**.

First EuroAfriCa-ICT Summit

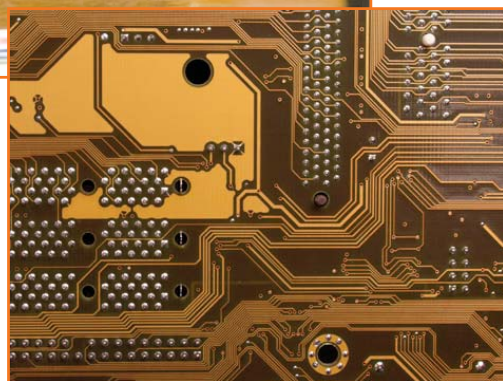
Brussels, Belgium
Early 2009 (tbc)

Second EuroAfriCa-ICT Summit

Addis Ababa, Ethiopia
October 2009 (tbc)



WP-1 First EuroAfriCa-ICT Summit



Brussels, Belgium, early 2009
(dates to be confirmed)

200-300 delegates expected, including:

- High level policy- and decision-makers from EU, Africa and the Caribbean
- ICT experts from Europe
- ICT experts from Africa and Caribbean
- Heads of stakeholder institutions
- EuroAfriCa-ICT partners

Two days of high-level presentations, awareness-raising, discussions, networking, partner-searching etc, etc.

Pre-registration is OPEN – see EuroAfriCa-ICT website



WP-1 Second EuroAfriCa-ICT Summit

Ethiopia, October 2009 (to be confirmed)

... in partnership with the Meraka Institute, CSIR, Pretoria, South Africa



200-300 delegates expected, including:

- High level policy- and decision-makers from EU, Africa – particularly AUC – and the Caribbean
- ICT experts from Europe
- ICT experts from Africa and Caribbean
- Heads of stakeholder institutions
- EuroAfriCa-ICT partners

Two days of high-level presentations, awareness-raising, discussions, networking, partner-searching etc, etc.



Work Package 2

Implementing links with other programmes and initiatives

Aimed at a coordinated EU policy:

- Links made with various European Technology Platforms and Joint Technology Initiatives.
- Agreements with other ICT-related EU-funded projects. aimed at promoting EU-African and/or EU-Caribbean research partnerships, e.g. WINDS Caribe, Ideal-IST, IST -@frica.

Such partners invited to speak at EuroAfriCa-ICT events: **Awareness Workshops**, **Concertation Meetings** and Cooperation Summits.





Concertation Meetings

A day of **presentations** and **networking**.

- Held in Brussels and hosted by DG InfSo.
- Presentations by major European players in ICT research and development – both public and private.
- Presentations by leading figures representing international organizations, pan-Africa organizations, development agencies etc.

Next one scheduled for
10 December 2008.

Online registration available at
www.euroafrica-ict.org.

Others planned for **April/May**
and **September/October 2009.**





Work Package 4

Creating awareness on FP7/ICT

Awareness Workshops

Two days of presentations and networking.

- Held in 'Third Countries'.
- Two so far:
 - **Pretoria, South Africa**, for the southern Africa region – organized by the Meraka Institute, CSIR, South Africa;
 - and **Kampala, Uganda**, for the east Africa region, organized by Makerere University, Faculty of Computing and Information Technology.



- Presentations by European and regional African players in ICT research and development – both public and private.
- Presentations on developing consortia for FP7 projects and applications.
- Networking thematic 'Birds of a Feather' sessions designed to bring together like-minded institutions.
- Technical visits to local ICT institutions.



Work Package 4

Creating awareness on FP7/ICT

Awareness Workshops

Three more regional Awareness Workshops scheduled for 2009:

- For central Africa: **Kigali, Rwanda**, organized by the Kigali Institute of Science and Technology (KIST). **3-4 March 2009**.
- For west Africa: **Cotonou, Benin**, organized by PIWA, Senegal. **7-8 April 2009**.
- For the Caribbean: Organized by the Caribbean Academy of Sciences, Jamaica. **March 2009** (tbc).



Updated information – and eventually online registration – available at www.euroafrica-ict.org.



Work Package 5

Promoting project activities and spreading project results

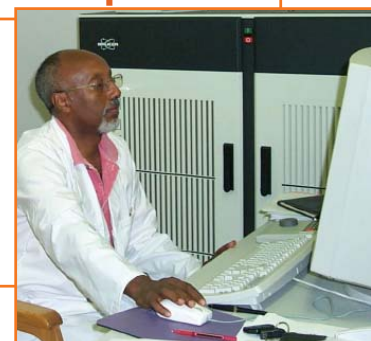
Objectives

To efficiently support project activities to ensure a wide dissemination of results and to contribute to increasing project impact – to be achieved through a comprehensive set of promotional and dissemination activities.

Development and dissemination of EuroAfriCa-ICT **promotional material**

Development and maintenance of EuroAfriCa-ICT **web portal**

- **Support services/helpdesk** –mapping database of leading ICT research institutions in target regions.
- **Community area** – sign up, receive news, (exchange information).





Work Package 3

Supporting strategic partnerships and flagship cooperation projects

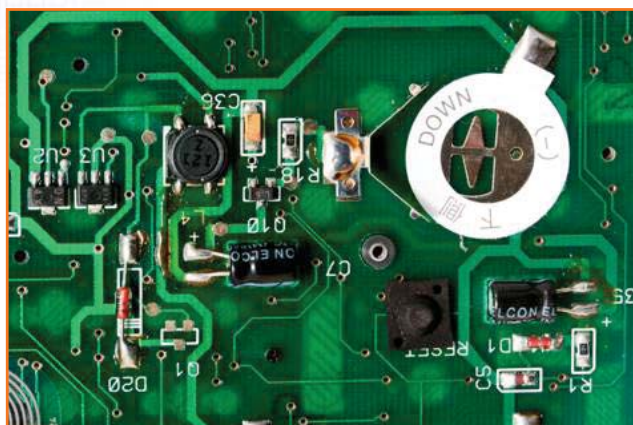
Objectives

To identify and promote strategic partnerships and flagship cooperation projects between European and African ICT communities.

Implementation of a
EuroAfriCa-ICT database

Support the development of
flagship projects,
including technical visits
and thematic workshops.

TWAS is Task Leader



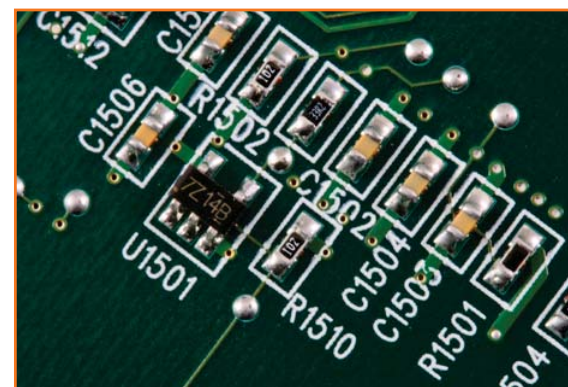


Work Package 3

Supporting strategic partnerships and flagship cooperation projects

Aim:

- To assist as many ICT research institutions in sub-Saharan Africa and the Caribbean to **identify partners** in the EU – and likewise, to assist EU-based institutions find partners in sub-Saharan Africa and the Caribbean.
- To **provide assistance** to developing consortia and potential projects **prior to, during – and after – the FP7 call for proposals**. (Certain potential projects may not fit with the specifics of the call for proposals. The EuroAfriCa-ICT team will try to inform consortia developing such projects of other EU-funded opportunities as they arise).





Work Package 3

Supporting strategic partnerships and flagship cooperation projects

Activities have been developed with the aim of identifying and promoting partnerships in ICT research and potential cooperation projects between sub-Saharan Africa, the Caribbean and European ICT communities:

- Organization of FP7 Awareness Workshops and Cooperation Summits.
- Development of a EuroAfriCa-ICT mapping database.
- Availability of support services/hepdesks.
- Assistance with identifying partners.
- Organization of technical visits and thematic workshops.
- Development of a EuroAfriCa-ICT community.

Why not enter into the EuroAfriCa-ICT community?

Register now at:

www.euroafrica-ict.org/community





Why TWAS?

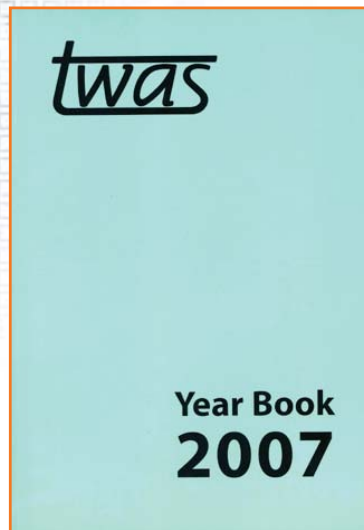
TWAS has experience in supporting science in the South:

Network of some 880 eminent member scientists.

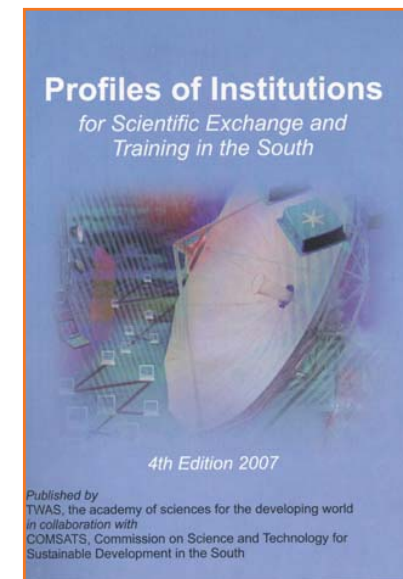
Database of more than 1,000 centres of excellence in the South.

Experience in working in developing countries – more than 2,000 research grants awarded since 1986.

Experience in linking research institutions in the South – and in the North.



TWAS Fellowship awardee Mruttu Hassan Ally from Tanzania at the National Institute for Genetic Engineering and Biotechnology, Iran.





Summary

The EuroAfriCa-ICT team is here to help with you FP7 ICT proposal

- Awareness Workshops – three more planned.
- Concertation meetings – in Brussels.
- Two EuroAfriCa-ICT Cooperation Summits.
- Helpdesks in Europe, the Caribbean and each region of sub-Saharan Africa.
- Online Community for partner searches.
- e-Newsletter for latest information.
- Flagship Project assistance.

Remember also opportunities provided by TWAS or research grants, fellowships etc.





EuroAfriCa-ICT
www.euroafrica-ict.org

Thank you

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web:

TWAS operates as a field office under the administrative umbrella of UNESCO in accordance with an agreement signed by UNESCO, the Italian government and TWAS.

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