



Technology for Innovation and Education in Developing Countries

Day 1 - Academic Paper Presentations – Thursday, January 21st

8:00 ~ 9:30 Registration at Complexo Pedagógico

9:30 ~ 9:40 Welcoming Remarks

9:40 ~ 10:20 **On the Richness of Africa: Implications for ICT4D**

Keynote Speaker: Tim Unwin

UNESCO Chair in ICT4D, UK

Abstract: Africa is frequently seen as being a ‘poor’ continent; African people are likewise seen as being ‘poor’. These definitions of Africa as poor serve particular interests: those of governments, the private sector, civil society, media and consultants. However, despite the best efforts of many of these groups, Africa is widely seen as being as poor as it was 50 years ago. What if we instead see Africa and Africans as being rich? How would this change our attitudes to and practices relating to the use of technology in education? This presentation, seeks to encourage us to appreciate Africa’s richness in terms of its economic, cultural, social and political structures. It then explores the implications of this for technology in education, focusing especially on content and communication.

10:20 ~ 10:40 **Educating ICT4D Professionals: A Bottom-up Approach**

Erkki Sutinen

University of Joensuu, Finland

10:40 ~ 11:00 **Using Local Resources to Create Sound Instructional Activities**

Jane Falls

Virginia Tech, U.S.A.

11:00 ~ 11:20 **ICT to Enhance Education in Post Conflict Areas – Northern Uganda**

Oroma Josephat Oling

Kampala International University, Uganda

11:20 ~ 11:40 Break

11:40 ~ 12:00 **Developing a Grade 10 History CD-ROM Using Digitized Materials
from the National Archives of Namibia**

Debbie Piecka

National Archives of Namibia

- 12:00 ~ 12:20 **Domestication of ICTs in Schools in Disadvantaged areas of the Western Cape**
Agnes Chigona; Wallace Chigona; Moses Kausa, and Patrick Kayongo
University of Cape Town – South Africa
- 12:20 ~ 12:40 **Dr Math moves to C³TO: Chatter Call Center/Tutoring Online**
Laurie Butgereit
Meraka Institute, CSIR
- 12:40 ~ 1:00 **Universal Instructional Design Strategies for Developing Countries: Six Critical Concepts for Clear Communication**
Rocky Falls
Virginia Tech, U.S.A.
- 1:00 ~ 1:40 Lunch
- 1:40 ~ 2:00 **Using E-learning for Promoting the Adoption of New Models and Strategies of Teaching and Learning at Eduardo Mondlane University**
Inocente Mutimucio & Xavier Muianga
Eduardo Mondlane University, Mozambique
- 2:00 ~ 2:20 **Distance Education in Mozambique**
Alsona Jorge Guambe
Eduardo Mondlane University, Mozambique
- 2:20 ~ 2:40 **A Pragmatic Approach to Transformation from Traditional Media to User-based Online Learning Environments: Experiences from IDE - University of Swaziland**
Peles Biswalo & Nokuthula Vilakati
University of Swaziland, Swaziland
- 2:40 ~ 3:00 **The Impact of ICT on Disadvantaged Primary Schools Teachers**
Francesca Fanni, Isabella Rega, Lorenzo Cantoni
Università della Svizzera italiana - Italy
- 3:00 ~ 3:10 **Mozambique and ICT4D: Some Experiences Carried out by EMU-CIUEM**
L. Neves Cabral
Eduardo Mondlane University, Mozambique
- 3:10 ~ 3:30 **Visit EMU-CIUEM Center - guided by L. Neves Cabral**
Walk back for break
- 3:40 ~ 4:00 Break

- 4:00 ~ 4:20 **Dialando: Tangible Programming for the Novice with Scratch, Processing and Arduino**
Andrew Smith
Council for Scientific and Industrial Research, South Africa
- 4:20 ~ 4:40 **An Introduction to the ICT4D Consortium's Virtual Environment**
Ugo Vallauri and Jorrit Mulder
Royal Holloway University of London, UK
- 4:40 ~ 5:00 **What Can "The Poor" Teach You? Utilizing Technological Connections to Help Think about "Poverty" and "Development" Differently**
P. Clint Rogers
University of Joensuu, Finland (by way of U.S.A.)
- 5:00 ~ Final thoughts and Closing Remarks