

## Speaker Presentation Profile

### 1. PRESENTER'S INFORMATION

FULL NAME	Dr. Fisseha Mekuria		
DESIGNATION	Principal Research Scientist		
COMPANY	CSIR Modelling and Digital Sciences		
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### 2. PRESENTER'S BACKGROUND

Dr. Fisseha Mekuria, has acquired a PhD. from Linköping university in Sweden. He has over 20 years academic and industry research experience, in ICT & mobile communications. He was a senior research scientist for 10 years at Ericsson Mobile Communications R&D Lab in Sweden. During which time he has developed over 12 US & EUPO patents in the areas of mobile computing & communications. He has also played a crucial role in commercialization of research outputs as mentor in the IDEON research Park in Sweden. He has been recipient of several research grants & IEEE nominations from the mobile & ICT industry for research and academic education in the mobile computing field. As Professor in Wireless Communications Systems, at several African Universities, he has developed curriculum, organized research groups and played leadership role in research and educational capacity building, in the mobile computing and communications security field. He has several IEEE publications & book chapters in his record. His research interests are Next generation Wireless & mobile Computing systems, Secure mobile platforms & Services, and mobile ICT for sustainable development. He is at present a Principal Research Scientist, and research group leader for the Mobile Computing & Security research unit, at the CSIR Modelling and Digital Sciences Division, Pretoria, South Africa.

### 3. TITLE/TOPIC OF PRESENTATION

**Mobile Computing and Secure Mobile Services for Emerging Markets**

### 4. PRESENTATION SYNOPSIS/ABSTRACT

*Brief summary of content and focus of the presentation:*

South Africa as one of the progressive emerging countries need to address mobile computing & security issues with the aim to develop trustworthy and innovative mobile enterprise and consumer services. This paper therefore addresses a strategic research and development initiative in next generation mobile computing platforms and secure mobile services. Such a focused R&D and human capital development will also help to harness the emerging industry in mobile computing services, reduce the digital access divide and contribute to sustainable economic growth.

*Key points for discussion include:*

- Research & Development in Next Generation Secure Mobile Computing Platforms
- Human Capital Development for Innovative and Secure Mobile Services Provision
- Harness the Mobile Computing Services Industry for Sustainable Development
- Applications of Mobile Computing in Emerging R&D fields