

# Draft Schedule

## Wednesday 11th July 2012

09:00-09:15 **Welcome address**  
Prof. Reinhardt Botha & Prof. Steven Furnell

09:15-10:00 **Keynote address**

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10:00-10:30 Coffee break

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10:30-12:00 **Network Technologies**

Performance Evaluation of On-Demand IP Address Assignment for Layer-2 Devices  
R.Gad, D.Baulig, M.Kappes and R.Mueller-Bady (Germany)

Establishing Discernible Flow Characteristics for Accurate, Real-Time Network Protocol Identification  
R.G.Goss and R.A.Botha (South Africa)

Design and Implementation of Lower Layers of Q3 Interface in Telecommunication Management Network  
G.Farahani (Iran)

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12:00-13:00 Lunch

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13:00-14:30 **Applications and Impacts**

The Use of Customer Profiles for the Personalisation of User Interfaces  
A.P.Calitz and S.Barlow (South Africa)

Using Complex Adaptive Systems and Technology to Analyse the Strength of Processes and Cultural Indicators: A Method to Improve Sustained Competitive Advantage  
E.Ehmann, N.Houlden and V.Grout (Australia, UK)

Mobile Banking Services in South Africa: The Case of M-Pesa  
S.K.Kabanda, A.Downes and S.Baltazar dos Ramos (South Africa)

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14:30-15:00 Coffee break

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15:00-17:00 **Mobile and Wireless Networking**

A Feasibility Study into Tracking Wi-Fi Enabled Mobile Devices  
M.Dagnall and N.L.Clarke (UK, Australia)

Communications System for a Solar Car  
J.N.Davies, M.Payne, P.Evans, G.Sparey-Taylor, N.Rvachova, O.Korkh and V.Grout (UK, Ukraine)

Extending Cognitive Fit Theory Towards Understanding Wireless Network Security Management in Small Organisations  
K.Njenga and N.Manganyi (South Africa)

Mobile Ad-hoc Network Security Challenges under AODV Routing Protocol

E.O.Ochola, M.M.Eloff and J.A.van der Poll (South Africa)

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??:??-??:?? Social Event

## Thursday 12th July 2012

09:00-09:45 **Keynote address**

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09:45-10:15 Coffee break

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10:15-12:15 **Security and Privacy**

Towards Efficient and Privacy-Preserving Network-Based Botnet Detection Using Netflow Data  
S.Abt and H.Baier (Germany)

The Insider Threat Prediction and Specification Language  
G.Magklaras and S.M.Furnell (UK, Australia)

How the Certified Information Systems Security Professional Certification Supports Digital Forensic Processes  
S.Rule, A.Stander and J.Ophoff (South Africa)

An Access Control Framework for Protecting Mobile Health Records: The Case Study of Developing Countries  
R.Ssembatya (South Africa)

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12:15-13:15 Lunch

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13:15-14:45 **Applications and Impacts**

Model Driven Engineering in Systems Integration  
M.Minich, B.Harriehausen-Mühlbauer and C.Wentzel (UK, Germany)

iSemServ: Facilitating the Implementation of Intelligent Semantic Services  
J.Mtsweni, E.Biermann and L.Pretorius (South Africa)

Data Compression for Tele-Monitoring of Buildings  
A.Salatian, F.Adepoju, B.Taylor and L.Oborkhale (Nigeria, UK)

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14:45-15:15 Coffee break

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15:15-16:45 **Applications and Impacts**

A Service-Oriented Approach to Implementing an Adaptive User Interface  
E.K.Senga, A.P.Calitz and J.H.Greyling (South Africa)

Efficient Resource Management based on Non-Functional Requirements for Sensor/Actuator Networks  
C.Timm, F.Weichert, C.Prasse, H.Müller, M.ten Hompel and P.Marwedel (Germany)

Wikipedia-Based Efficient Sampling Approach for Topic Model  
T.Zhao, C.Li and M.Li (China)

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16:45-17:00 Closing ceremony