

2017

African Conference on Information Systems &amp; Technology (ACIST)

ACIST 2017 - CAPE TOWN, SOUTH AFRICA, 10th – 11th July 2017

**Registration: 08:00 – 15:00 [African Studies Gallery Foyer]****Opening Welcome – 09:00 – 10:30 [African Studies Gallery]****Keynote Speaker: Marlon Parker, Founder of Reconstruction Labs (Rlabs)****10:30 – 11: 00****Tea/Coffee Break [Gallery Foyer]****Day 1 - Paper Presentation Session I**

<b>Time</b>	<b>African Studies Gallery</b> Theme : Education Chair : Kirstin Krauss	<b>Leslie Commerce 2A</b> Theme : Security Chair : Lucas Mimbi	<b>Leslie Commerce 2B</b> Theme : Innovation Chair : Marijke Coetzee
11:00 – 12:30	<p>Towards using critical reflection to interrogate the oppressive effects of education technology use in South African higher education- <i>Nompilo Tshuma and Kirstin Krauss.</i></p> <p>To ban or not to ban: Uses and gratifications of mobile phones among township high school learners - <i>Khaya Kunene and Pitso Tsibolane.</i></p> <p>Influence of teachers' digital fluency on the use of connected classrooms in the western cape - <i>Agnes Chigona</i></p>	<p>Factors influencing digital forensic readiness of a firm engaged in cross-national investigations in Africa- <i>Philimon Nembandona and Michael Kyobe.</i></p> <p>Towards securing information: An organizational communication perspective - <i>Kofi Arhin and Gamel Wiredu.</i></p> <p>The privacy concerns and protection behaviour of young adults making use of social networking sites - <i>Sam Takavarasha jr, Liezel Cilliers and Willie Chinyamurindi.</i></p>	<p>Rethinking theoretical assumptions of the discourses of the institutional repository innovation discipline - <i>Samuel c Avemaria Utulu and Ojelanki Ngwenyama.</i></p> <p>Smart transport systems in SADC countries - <i>Judy Backhouse and Lizalise Myataza.</i></p> <p>Collaboration circles: finding experts to team with - <i>Marijke Coetzee and Lindani Castro Khanyile.</i></p>
12:30 – 13:30	<b>LUNCH [Gallery Foyer]</b>		
<b>Panel Discussion [African Studies Gallery]</b>			
13:30 – 15:00	<b>Topic:</b> Public policy and modalities for providing public access to Internet		<b>Moderator:</b> Shaun Pather; Discussants: Bill Tucker, Wallace Chigona, Raven Naidoo
15:00-15:30	<b>Tea / Coffee Break [Gallery Foyer]</b>		
<b>Paper presentation session II</b>			

Time	<b>African Studies Gallery</b> Theme : Social Media Chair : Judy van Biljon	<b>Leslie Commerce 2A</b> Theme : ERP Chair : Jean-Paul van Belle	<b>Leslie Commerce 2B</b> Theme : Education Chair : Fazlyn Petersen
15:30 – 16:30	<p>Effecting social transformation in African societies through the use of social media -<i>Zane Davids</i>.</p> <p>The impact of deep structure social network site usage on psychological and behavioural work outcomes -<i>Nugi Nkwe and Jason Cohen</i>.</p>	<p>Business Process Management for Development (BPM4D): Developing Capabilities through self-assessment -<i>Malcolm Garbutt and Lisa Seymour</i>.</p> <p>Impact of change of revision style on student performance in an ERP training programme -<i>Olufemi Adetunji</i>.</p>	<p>Utilization of library resources by lecturers in University of Cape Coast -<i>Kwaku Barfi, Paulina Afful-Arthur and Emmanuel Manu</i>.</p> <p>Students' perceptions towards the influences of social media on student's academic engagement at a tertiary institution: A case study on the use of Facebook and Twitter at Rhodes University -<i>Harry Moongela and John McNeill</i>.</p>
<b>Conference Dinner - UCT Club - Upper Campus ( 18:00 – 21:00)</b>			
<b>End of 1<sup>st</sup> Day Activities</b>			

**Day 2 - Tuesday 11<sup>th</sup> July 2017**

**Registration: 09:00-15:00 [African Studies Gallery Foyer]**

**Keynote Speaker: 09:00 – 10:00 Alison Gillwald, Executive Director of Research ICT Africa (RIA);**

**Adjunct Professor, University of Cape Town**

**10:00 – 10: 30**

**Tea / Coffee Break [Gallery Foyer]**

<b>Day 2: Paper Presentation Session I</b>			
<b>Time</b>	<b>African Studies Gallery</b> Theme : E- Government Chair : Ulrike Rivett	<b>Leslie Commerce 2A</b> Theme : Development Chair : Sam Takavarasha Jr	<b>Leslie Commerce 2B</b> Theme : IT & Organisations Chair : Maureen Tanner
10:30 – 12:30	<p>E-government development in Southern African Development Community (SADC) Countries: A comparative perspective - <i>Lucas Mimbi and Sewisha Ezekiel Lehong.</i></p> <p>External Actors' influence on National ICT policy in developing countries: A literature review - <i>Gregory Kunyenje.</i></p> <p>Understanding the Kenya open data initiative trajectory from an actor-network perspective - <i>Paul Mungai and Jean-Paul Van Belle.</i></p> <p>A diagnosis of complexities inherent on the Broad-Based Black Economic Empowerment (B-BBEE) ICT Sector Code policy - <i>Tendani Thabela.</i></p>	<p>Digital transformation for inclusive growth in South Africa: Challenges and opportunities in the 4th industrial revolution - <i>More Ickson Manda and Judy Backhouse.</i></p> <p>Harnessing both Information and Knowledge visualisation to represent a community of practice: Depicting the ICT4D researcher community in South Africa- <i>Judy van Biljon and Karen Renaud.</i></p> <p>How sense of ownership empowers Bottom-of-the-Pyramid (BoP) ICT users in co-design: A systematic review - <i>Nozibele Gcora.</i></p> <p>Towards a model for user-centred design using a positive deviance approach: A case for diabetes self-management - <i>Fazlyn Petersen, William Tucker and Shaun Pather.</i></p>	<p>Behavioural Intentions and actual usage of cloud computing in South African SMMEs - <i>Khangelani Vuke and Kevin Johnston.</i></p> <p>IT managers' perception and response to digital disruption: A South African exploratory case study - <i>Kevin Johnston, Mark Prevost and Maureen Tanner.</i></p> <p>An exploratory study into the Information Technology (IT) decision making process of small Nigerian enterprises - <i>Mohammed Alhassan and Jean-Paul Van Belle.</i></p> <p>The Future of enterprise systems in Africa: An evolutionary framework - <i>Deborah Ebem, Ima Nnam and Geraldine Ugwuonah.</i></p>
12:30 -13:30	<b>LUNCH [Gallery Foyer]</b>		
<b>Session II</b>			

13:30 – 14:30 <b>WORKSHOP: Grandon Gill - Developing Teaching Cases [African Studies Gallery]</b>			
<b>Time</b>	<b>African Studies Gallery</b> Theme : e-Health Chair : Edda Weimann	<b>Leslie Commerce 2A</b> Theme : Communication & Network Chair : Salah Kabanda	<b>Leslie Commerce 2B</b> Theme : Security Chair: Michael Kyobe
14:30 – 16:00	<p>A South African MHealth App for depression management and treatment: A survey and requirements analysis -<i>Sylvia Van Belle, Jean-Paul Van Belle and Edda Weimann.</i></p> <p>A review of the implementation of electronic health record systems on the African continent - <i>Munyaradzi Caurage Katurura and Liezel Cilliers.</i></p> <p>Pragmatic teleconsultation network model to address the bandwidth deficiency inhibiting real-time telemedicine implementation in the sub-Saharan Africa - <i>Richard Annan, Salah Kabanda and Philip Irving.</i></p>	<p>One-Time Pad Encryption Protocol for Vehicular Ad-Hoc networks - <i>Kwasi Boakye-Boateng, Emmanuel Antwi Boasiako and Eric Kuada.</i></p> <p>An improved SDN-based codec switching algorithm for VOIP transmission - <i>Emmanuel Antwi-Boasiako, Kwasi Boakye-Boateng and Eric Kuada.</i></p>	<p>A system dynamics model of cognitive beliefs and factors influencing computer users' information security behaviour - <i>Joseph Omidosu and Jacques Ophoff.</i></p> <p>A hybrid NLP And Case-Based Reasoning Model for case reuse In legal firms - <i>Oyebamiji Olaoluwa and Adeyemo Adesesan</i></p> <p>Human creativity in the data visualisation pipeline - <i>Coral Featherstone and Etienne van der Poel.</i></p>
16:00 – 16:30	<b>TEA/DRINKS CLOSING REMARKS [African Studies Gallery ]</b>		

**CONFERENCE ENDS**