



IFIP Working Group 9.4: Social Implications of Computers in Developing Countries

13<sup>th</sup> International Conference on Social Implications of Computers in Developing Countries

Conference theme: Openness in ICT4D: Critical Reflections on Future Directions

May 20 – 22, 2015, Negombo, Sri Lanka

Conference Chairs			Programme Chairs		
Chamli Pushpakumara University of Kelaniya, Sri Lanka		Sundeep Sahay University of Oslo, Norway	Petter Nielsen University of Oslo, Norway		Gamini Wijayarathna University of Kelaniya, Sri Lanka
Tracks and Track Chairs					
<b>Track GST</b> Graduate Student Track  <i>Julian M. Bass</i> (Robert Gordon University, UK) <i>Robert Davison</i> (City University of Hong Kong) <i>Devinder Thapa</i> (Luleå University of Tech., Sweden) <i>Chris Westrup</i> (Manchester Business School, UK)	<b>Track OIN</b> Open Innovation: Governance Models, Implementation Tools, Strategies and Outcomes  <i>Mira Slavova</i> (Mobile Empow. Africa, South Africa) <i>Stan Karanasios</i> (University of Leeds, UK)	<b>Track DOS</b> Designing Open and Sustainable Technologies for Development  <i>Julian M. Bass</i> (Robert Gordon University, UK) <i>Andy Dearden</i> (Sheffield Hallam University, UK) <i>Anirudha Joshi</i> (IDC, Indian Institute of Tech., Bombay) <i>Anupam Jain</i> (Dimagi)	<b>Track DIC</b> Development and ICT-enabled Well-Being  <i>Angsana A. Techatassanasoontorn</i> (Auckland Uni. of Tech., New Zealand) <i>Antonio Díaz Andrade</i> (Auckland Uni. of Tech., New Zealand)	<b>Track COM</b> Critical Reflections on Information Systems for Community Development  <i>Izak van Zyl</i> (Cape Peninsula University of Tech., South Africa) <i>Marilla Palmén</i> (University of Eastern Finland, South Africa)	<b>Track TIA</b> Themes, Insights and Agendas for ICT4D Research and Practice  <i>Sundeep Sahay</i> (University of Oslo, Norway) <i>Petter Nielsen</i> (University of Oslo, Norway)
<b>Track HIS</b> Health Information System Architectures  <i>Johan Sæbø</i> (University of Oslo, Norway) <i>Ghislain B. Kouematchoua Tchuitcheu</i> (Georg-August-Universität, Germany)	<b>Track CUI</b> A Critical Understanding of ICT4D  <i>Brian Nicholson</i> (University of Manchester, UK) <i>Niall Hayes</i> (Lancaster University, UK) <i>Sharon Morgan</i> (University of Manchester, UK)	<b>Track OGP</b> Open Government for Public Service Delivery: Critical Issues, Emerging Possibilities  <i>Ranjini C. Raghavendra</i> (Indian Institute of Mgmt., Bangalore) <i>Mila Gascó-Hernández</i> (ESADE, Barcelona, Spain)	<b>Track REV</b> The Data Revolution in International Development  <i>Richard Heeks</i> (University of Manchester, UK) <i>Mark Graham</i> (Oxford Internet Institute, University of Oxford, UK)	<b>Track SRI</b> ICT4D in Sri Lanka - Challenges, Opportunities and Solutions  <i>Chamli Pushpakumara</i> (Uni. of Kelaniya, Sri Lanka) <i>Chitrangani Mubarak</i> (Sri Lanka Institute of IT) <i>Shriyananda Rathnayake</i> (ICT Agency, Sri Lanka) <i>Roshan Hewapathirana</i> (University of Oslo)	

### Wednesday May 20th 2015

16:00 – 21:00	Registration (room)
18:00 – 19:00	<b>Opening Ceremony</b> xx (room)
19:00 – 20:15	<b>Keynote: TBA</b>
20:15 – 22:00	<b>Reception</b> (room)

### Thursday May 21st 2015

08:00 – 09:00	Registration (room)		
09:00 – 09:15	<b>Welcome</b> (room)		
09:15 – 10:30	<b>Keynote: Openness in ICT4D: Openness in ICT4D: A Finger pointing to the moon? Or can it be more? And how?</b> (room) Ineke Buskens, Research director and project leader of the GRACE Network, South Africa		
10:30 – 11:00	Tea (room)		
11:00 – 12:30	<p><b>Track TIA (room)</b> Session Chair: Sundeep Sahay</p> <p><b>The use of Information Systems in Indonesia's Land Management</b> Fathul Wahid, Øystein Sæbø and Bjørn Furuholt</p> <p><b>Participation in ICT Interventions for Development: Who and how?</b> Devinder Thapa and Øystein Sæbø</p> <p><b>A genre analysis of e-participation: The case of Lokpal movement for enactment of anti-corruption bill in India</b> Sreejith Alathur and P. Vigneswara Ilavarasan</p> <p><b>Assessing E-Government Technology Transfer: Evidence from the Implementation of a European Patent Management System in Brazil</b> Gabriel Marcuzzo do Canto Cavalheiro and Luiz Antonio Joia</p>	<p><b>Track OIN (room)</b> Session Chair: Mira Slavova</p> <p><b>Institutional approaches and strategies of control and collaboration in e-government projects</b> Endrit Kromidha</p> <p><b>Resource enactment in implementing e-government system: a pilot e-procurement study in Vietnam</b> Hoang D. Nguyen, Tuan A. Nguyen and Danny C. C. Poo</p> <p><b>Network governance in open innovation adoption: case study from health domain</b> Roshan Hewapathirana</p>	<p><b>Track DOS (room)</b> Session Chair: Julian M. Bass</p> <p><b>Training mentors of health information systems through eLearning</b> Ellen Bjørge, Anniken Jønsson, Jens Kaasbøll and Matthieu Pinard</p> <p><b>Sustainable Action Research: The Networks of Actions Approach</b> Kristin Braa and Petter Nielsen</p> <p><b>Designing a mobile partograph for real-time decision support for safer deliveries in India</b> Maryam Khalid, Jennifer Schweers, Srishti Bishnoi, Neal Lesh and Heather Underwood</p> <p><b>Open Source Hardware Technologies for e-waste recycling</b> Rafael Fernández-Font Pérez</p>
12:30 – 13:30	Lunch (room) Poster sessions during lunch (room)		

13:30 – 15:00	<p align="center"><b>Track TIA (room)</b> Session Chair: Petter Nielsen</p> <p><b>Civil Registration and Vital Statistics: A Neglected Area in Information Systems Research</b> Petter Nielsen, Sundeep Sahay and Murodillo Latifov</p> <p><b>Academia's Responsibilities in Community-Based Co-Creation Education –a Critical Review of two Cases in South Africa and Botswana</b> Mark Mushiba, Heike Winschiers-Theophilus, Vikki du Preez, Shorn Molokwane and Jaakko Kölhi</p> <p><b>Mhealth-Enabled Community Health Worker Strengthening: Evaluating a Program to Improve Maternal and Newborn Health in India</b> Elin Murless, Jeff Weaver, Sri Ranganathan and Jeremy Wacksman</p>	<p align="center"><b>Track OIN (room)</b> Session Chair: Stan Karanasios</p> <p><b>Routinising Waiting Time Surveys within Health Information Systems</b> Gavin Reagon and Ehimario Igumbor</p> <p><b>Using performance League Tables to Promote Accountability and Feedback in Health Management in Malawi</b> Christon Mesheck Moyo, Marte Hesvik Frøyen, Johan Ivar Sæbo and Jens Johan Kaasbøll</p> <p><b>Ovahimba Community in Namibia Ventures into Crowdsourcing Design</b> Colin Stanley, Heike Winschiers-Theophilus, Edwin Blake, Kasper Rodil and Gereon Koch Kapuire</p>	<p align="center"><b>Track DIC (room)</b> Session Chair: <i>Angsana A. Techatassanasoontorn</i></p> <p><b>Impacting on Gender Equality through a Women's ICT program in South Asia - An exploratory study</b> Pär-Ola Zander and Faheem Hussain</p> <p><b>Women and ICT-enabled Well-Being: Inclusive Innovation by Micro Financial Institutions in India</b> Aakanksha Gaur and David Avison</p> <p><b>ICTs and Hope for Development: A Theoretical Framework</b> Shyam Krishna and Richard Heeks</p> <p><b>Evaluating Impact Sourcing: A Capabilities Perspective From a Case Study in Pakistan</b> Fareesa Malik, Brian Nicholson and Sharon Morgan</p>
15:00 – 15:30	Tea (room)		
15:30 – 17:30	<p align="center"><b>Track HIS (room)</b> Session Chair: Johan Sæbø</p> <p><b>Federated Architecting in West Africa</b> Johan Ivar Sæbø and Olav Poppe</p> <p><b>The Use of Social Learning Systems in Implementing a Web-Based Routine Health Information System in Kenya</b> Ayub Manya and Petter Nielsen</p> <p><b>Data Specification for Information Systems for the Immunization Cold Chain</b> Fahad Pervaiz and Richard Anderson</p> <p><b>From Co_optation to Production: Risk in Health Information Systems Implementation and Development</b> Rangarirai Matavire, Bob Jolliffe and Jørn Braa</p> <p><b>Information Systems Architecture as Production - Building Health Information Systems in Rwanda</b> Bob Jolliffe, Andrew Muhire and Johan Sæbø</p>	<p align="center"><b>Track CUI (room)</b> Session Chair: Brian Nicholson</p> <p><b>Investigating Telecentre Implementation Through a Postcolonial Lens: The Ghanaian Perspective</b> Azerikatoa Ayoung, Pamela Abbott and Armin Kashefi</p> <p><b>Idols of the ICT4D Theater. The stage</b> Jacques Steyn</p> <p><b>Critical Intent &amp; Practice in ICT4D: A Typology of ICT4D Initiatives</b> Tony Roberts</p> <p><b>The Quest for Autonomy in the Workplace: ICT-mediated Activities by Professionals with Sensory Impairments</b> Antonio Díaz Andrade and Angsana Techatassanasoontorn</p>	<p align="center"><b>Track OGP (room)</b> Session Chair: Ranjini C. Raghavendra</p> <p><b>The Significance of Sociomaterial Intra-Actions in Designing Public Service Delivery: Servicing Electronic Land Records in Bangladesh</b> Muhammad Shahanoor Alam and Laurence Brooks</p> <p><b>Understanding Multiple Roles of Intermediaries in Open Government Data</b> Felipe González-Zapata and Richard Heeks</p> <p><b>Strengthening Time Bound Service Delivery Through ICT Enabled Openness: A Case Study from India</b> Ranjini C. R. and G. Ramesh</p> <p><b>Using Health Management Information for Action: A Historical Analysis of Tamil Nadu, India</b> Girija Vaidyanathan</p>
17:30 – 18:00	Break		
18:00 – 19:30	<p><b>Panel: Student publication strategies (room)</b> Chair: Robert Davison, City University of Hong Kong Panellists:</p>		

	Antonio Diaz Andrade: AUT University, New Zealand Julian Bass, Robert Gordon University, Scotland, UK Wallace Chigona, University of Cape Town, South Africa Richard Heeks, University of Manchester, UK Pandula Siribaddana, University of Oslo, Norway
20:00 – 22:00	<b>Conference dinner</b> (room)

**Friday May 22nd 2015**

09:00 – 10:30	<b>Keynote: Governing Impact in the International Development Sector</b> (room) Niall Hayes, University of Lancaster, UK		
10:30 – 11:00	Tea (room)		
11:00 – 12:30	<p><b>Track REV</b> (room) Session Chair: Roshan Hewapathirana</p> <p><b>Spatial Policymaking: Using large, Public Datasets to Illustrate Spatial Patterns of Human Vulnerability in Niger</b> Tim Essam, Brent McCusker and Jamison Conley</p> <p><b>Legal Issues on Data Privacy And Security in Cyberspace With Special Reference to India</b> Vibhudi Venkateshwarlu</p>	<p><b>Track DIC</b> (room) Session Chair: Antonio Díaz Andrade</p> <p><b>Community Engagement for E-Health: Lessons Learnt from Indehela-Information Systems Development for Development (ISD4D)</b> Ephias Ruhode, Gertrudes Macueve and Cintia Banze</p> <p><b>Wellbeing and Inequality: Report on a New Zealand ICT Education Intervention to Promote Social Inclusion for Minority Groups in Economically Disadvantaged Communities</b> Barbara Craig and Dj Daniels</p> <p><b>Developing an ICT Based Health Intervention for Female Sex Workers - an Action Research and Participatory Design Approach</b> Poornima R. Narayan and Manoj A. Thomas</p> <p><b>Mobile Phone, Spatiality and Inequality: A Case Study of Rural-Urban Migrant Workers in Shanghai</b> Yingqin Zheng, Yang Shen and Gillian Symon</p>	<p><b>Track TIA</b> (room) Session Chair: Sundeep Sahay</p> <p><b>Mobile Money Transfer Systems for Improving the Accountability Deficit in Humanitarian Assistance: The Case of M-Pesa in Kenya</b> Shirin Madon and George Kamau</p> <p><b>From Connectivity to Digital Contestations: The Effects of Fiber-optic Infrastructure on firms in East Africa</b> Christopher Foster and Mark Graham</p> <p><b>Using a "Blended" Approach to Strengthen the Acceptability of E-Learning: Case of Health Information Systems Training in a Global Context</b> Pandula Siribaddana, Jens Kaasbøll and Sundeep Sahay</p> <p><b>Stakeholder roles and potential models to support collaborative open innovation in East Africa</b> Paul Cunningham and Love Ekenberg</p>
12:30 – 13:30	Lunch (room) Poster sessions during lunch (room)		
13:30 – 15:00	<p><b>Track COM</b> (room) Session Chair: Izak van Zyl</p> <p><b>Role of power in shaping participatory design processes: the case of collaborative system design</b> Arunima S Mukherjee</p> <p><b>mHealth Drivers for Maternal Health Outcomes in</b></p>	<p><b>Track DOS</b> (room) Session Chair: Julian M. Bass</p> <p><b>A Citizen Centric Framework for ICTE Capacity Development in Haiti</b> Manoj A. Thomas and Yan Li</p> <p><b>User Participation and M-money Success: An Exploratory</b></p>	<p><b>Track SRI</b> (room) Session Chair: Chamli Pushpakumara</p> <p><b>ICT4D for Bridging the 'Digital Divide' (A study Based on Five ICT4D Initiatives in Sri Lanka)</b> Aruna Jayathilaka</p> <p><b>Bridging the Digital Divide in Sri Lankan Tea Estate Areas</b></p>

	<p><b>Developing Countries: A Systematic Review</b> Mphatso Nyemba-Mudenda and Wallace Chigona</p> <p><b>Influence of 'Soft' Constructs on the Outcome of Community ICT Initiatives</b> Azerikatoa Ayoung, Pamela Abbott and Armin Kashefi</p>	<p><b>Contingency Model</b> Juliet Ongwae</p> <p><b>Scaling as a Process of Managing Sociotechnical Assemblage: Cases about Health Information Systems for Developing Countries</b> Abyot Asalefew Gizaw and Sundeep Sahay</p>	<p>Ranil Peiris, Peter Mozelius, Sirkku Männikkö Barbutiu and Thomas Westin</p> <p><b>Origin-Destination Matrix Estimation for Sri Lanka Using Mobile Network Big Data</b> Danaja Maldeniya, Sriganesh Lokanathan and Amal Kumarage</p>
15:00 – 15:30	Tea (room)		
15:30 – 17:00	<p style="text-align: center;"><b>Track CUI (room)</b> Session Chair: Niall Hayes</p> <p><b>The Formalising Regime and Its Formalising Technology: The Case of Informal Trade In Recife</b> Rui Roberto Ramos and Niall Hayes</p> <p><b>Understanding Empowerment through Technology Driven Power Structures: Case from Mother to Child Tracking System in India</b> Arunima S. Mukherjee</p> <p><b>Discourse and discourse collisions: Understanding the experiences of information systems students at a South African university</b> Kirstin E.M. Krauss</p>	<p style="text-align: center;"><b>Track TIA (room)</b> Session Chair: Petter Nielsen</p> <p><b>Exploring Hybrids of Commercial and Welfare Logics in Impact Sourcing</b> Brian Nicholson, Fareesa Malik, Sharon Morgan and Richard Heeks</p> <p><b>Towards a Research Agenda on HIS For Universal Health Coverage: Implications For IT4D Research</b> Sundeep Sahay and T. Sundararaman</p> <p><b>ICT4D Research and Social Network Analysis</b> Jaco Renken and Richard Heeks</p> <p><b>Capacity Strengthening in a Development Context: Institutional Challenges and Approaches</b> Sundeep Sahay, Arunima S. Mukherjee, Shahin Yaqub and Chris Westrup</p>	<p style="text-align: center;"><b>Track GST (room)</b> Session Chair: Julian M. Bass</p> <p><b>Un-Intended Consequences of Technology Adoption in Developing Countries: The M-Pesa Initiative</b> Mary Macharia</p> <p><b>Insourcing a Government Information System: A Case Study</b> Azmi Omar, Julian M. Bass and Peter Lowit</p> <p><b>Building a Competitive Impact Sourcing Sector: A Case of Malaysia</b> Shahifol Arbi Ismail</p> <p><b>Cloud Computing: Adoption Issues for Ethiopian Public and Private Enterprises</b> Solomon Demissie Seifu, A.D. Abubakar, Julian M. Bass and Ian K. Allison</p>
17:00 – 17:30	Break		
17:30 – 19:00	<b>IFIP9.4 Business Meeting</b> (room)		