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Information and Communication Technologies for Development. Strengthening Southern-Driven Cooperation as a Catalyst for ICT4D

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Petter Nielsen · Honest Christopher Kimaro (Eds.)


Information and Communication Technologies for Development

Strengthening
Southern-Driven Cooperation
as a Catalyst for ICT4D

15th IFIP WG 9.4 International Conference
on Social Implications of Computers
in Developing Countries, ICT4D 2019
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Proceedings, Part II

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Preface

This book is a collection of papers presented at the 15th International Conference on Social Implications of Computers in Developing Countries (IFIP WG 9.4 2019 Conference) held in Dar es Salaam, Tanzania, May 1–3, 2019. The theme of the conference, “Strengthening Southern-Driven Cooperation as a Catalyst for ICT4D,” sought to stimulate and encourage critical discussions on the different facets of Southern-driven cooperation, its promises, potential for creating a better world, and the challenges we face in achieving the promised potential.

With the proliferation of ICT-related projects to support development, countries from the south are now emerging as important innovators and actors in the global development and adoption of ICT for community and economic growth. A good example is how Kenya and Tanzania have been leading the world with mobile payments for several years. The mobile payment services have supported micro financing and transformed economic activities and lives within the local communities and beyond. Such impacts offer an exciting setting for reverse innovation whereby lessons learned in ICT4D could offer rich insights for information systems research in general. Furthermore, strengthening a southern-driven cooperation promotes ICT initiatives and research carried out in and by developing countries. The conference, therefore, aimed at offering context-rich theories, methodologies and practical guidance on the use of ICTs to empower local communities.

Toward this goal, a request for track proposals was issued. After the evaluation we arrived at 11 tracks and two workshops, namely, Early Feedback to Early Career Researchers and the PhD Day Workshop. Only the research papers (97 full papers and two short papers) are included in this collection. The paper tracks were: Digital Platforms for Development; FinTech and Development; ICT4D for the Indigenous, by the Indigenous and of the Indigenous; Recognizing African Expression of Tech; Harnessing Agriculture; Land Administration and Public Financial Management for ICT4D; ICT for Displaced Population: How it helps, How it hurts; Communities, ICT-Enabled Networks, and Development; Pushing the Boundaries—New Research Methods, Theory and Philosophy in ICT4D; Southern-Driven Human–Computer Interaction; Locally Developed Process and Method Innovations in ICT4D; Sustainable ICT; Informatics, Education and Learning in a Turbulent World—“Doing the Safari Way.”

We received a total of 185 qualified papers from 46 countries, which were then sent for peer review. A double-blind peer review process was followed with each paper receiving an average of two reviews. The rigorous review process comprised 328 reviews, 248 of which came from 171 external reviewers. Of the 185 reviewed contribution, 99 were accepted and presented at the conference and are thus included in this collection.

For a large event like this conference to happen, a considerable effort by numerous individuals is required. We begin by thanking all the Program Committee members, the

local arrangements chairs, and 171 additional reviewers for their enormous efforts in reviewing the submitted papers. We also express gratitude to all the sponsors: the IFIP WG 9.4 (ifipwg94.org), International Network for Postgraduate Students in the area of ICT4D (IPID, ipid.se), University of Oslo (UiO), College of ICT (CoICT) of the University of Dar es Salaam, Tanzania Telecommunication Corporation Limited (TTCL), UNICEF Tanzania, and several others. It was a great pleasure to hold the IFIP WG 9.4 2019 Conference in Dar es Salaam, Tanzania.

May 2019

Petter Nielsen
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Contents – Part II

Pushing the Boundaries - New Research Methods, Theory and Philosophy in ICT4D

| | |
|--|-----|
| Southern Theories in ICT4D. | 3 |
| <i>David Kreps and Julian M. Bass</i> | |
| Combining Pragmatism and Critical Realism in ICT4D Research: An e-Resilience Case Example | 14 |
| <i>Richard Heeks, Angelica V. Ospina, and P.J. Wall</i> | |
| Digital Development: Elements of a Critical ICT4D Theory and Praxis | 26 |
| <i>Anna Bon and Hans Akkermans</i> | |
| Identifying Generative Mechanisms in a Mobile Health (mHealth) Project in Sierra Leone: A Critical Realist Framework for Retroduction | 39 |
| <i>P.J. Wall, Dave Lewis, and Lucy Hederman</i> | |
| Capabilities and Affordances in the ICT4D Context: Similarities, Differences, and Complementarities. | 49 |
| <i>Devinder Thapa and Yingqin Zheng</i> | |
| A Framework to Explain the Relation Between ICT and Development: Combining Affordances and the Capability Approach | 60 |
| <i>Mathias Hatakka, Øystein Sæbø, and Devinder Thapa</i> | |
| Method of Research in a We-Paradigm, Lessons on Living Research in Africa. | 72 |
| <i>Gertjan van Stam</i> | |
| Unpacking Empowerment in ICT4D Research | 83 |
| <i>Priyanka Pandey and Yingqin Zheng</i> | |
| Adopting a Theory of Change Approach for ICT4D Project Impact Assessment - The Case of CMES Project. | 95 |
| <i>Yan Li and Manoj A. Thomas</i> | |
| Participatory Video, Giving Voice and Respect to the Epistemic Sovereignty of Communities in Rural Zimbabwe | 110 |
| <i>Peter Makamba, Chido Matewa, Janneke van Dijk, Gertjan van Stam, and Peter Vhoko</i> | |

Mechanisms Fostering the Misuse of Information Systems for Corrupt Practices in the Nigerian Public Sector. 122
Ibrahim Inuwa, Chidi Ononiwu, Muhammadou M. O. Kah, and Ago K. M. Quaye

Rethinking Theory and Practice of ICT4D. An Analysis of the Discourse Embedded in the 2016 World Bank Report 135
Calisto Kondowe and Wallace Chigona

ICT4D for the Indigenous, by the Indigenous and of the Indigenous

Nexus Between Country Context and the Role of External Actors in the Formulation of National Information and Communication Technology Policies 151
Gregory Kunyenje and Wallace Chigona

Research in Africa for Africa? Probing the Effect and Credibility of Research Done by Foreigners for Africa 168
Munyaradzi Mawere and Gertjan van Stam

Decolonising Neo-Liberal Innovation: Using the Andean Philosophy of ‘*Buen Vivir*’ to Reimagine Innovation Hubs 180
Andrea Jimenez and Tony Roberts

Incorporating Indigenous Perspectives in Provision of E-government Services: The Case of Tanzania 192
Bakari Mashaka, Neil McBride, and Kutoma Wakunuma

Smart City for Development: A Conceptual Model for Developing Countries 203
Luiz Antonio Joia and Alexander Kuhl

Digital Technology for Preserving Cultural Heritage in Tonga 215
Anau Mesui, Antonio Diaz Andrade, and Lena Waizenegger

Southern-Driven Human-Computer Interaction

Socio-Technical HCI for Ethical Value Exchange: Lessons from India. 229
José Abdelnour-Nocera, Torkil Clemmensen, Morten Hertzum, Dineshkumar Singh, and Veerendra Veer Singh

Usability Problems and Obstacles to Addressing Them in Health Information Software Implementations. 241
Magnus Li

| | |
|---|-----|
| Human-Computer Interaction for Development (HCI4D): The Southern African Landscape | 253 |
| <i>Judy van Biljon and Karen Renaud</i> | |
| A Local Perspective: Working an Agricultural Information Service into a Rural Community | 267 |
| <i>Lars Rune Christensen, Hasib Ahsan, Mamunur Rashid, and Badal Kumar Das</i> | |
| Digital Wallets ‘Turning a Corner’ for Financial Inclusion: A Study of Everyday PayTM Practices in India. | 280 |
| <i>Tanmay Joshi, Sharmistha Swasti Gupta, and Nimmi Rangaswamy</i> | |
| Research in Progress: Holistic Climate Service Prototypes for Farmers in Tambuu, Tanzania. | 294 |
| <i>Ville Myllynpää, Jaakko Helminen, Ezra Misaki, Mikko Apiola, Jani Haakana, Tomi Westerlund, and Erkki Sutinen</i> | |
| Factors that Influence Workers’ Participation in Unhygienic Cyber Practices: A Pilot Study from Nigeria | 303 |
| <i>Princely Ifinedo, Nigussie Mengesha, and Olumide Longe</i> | |
| Investigating the Adoption of an Integrated Hospital Information System in Rural Uganda: A Case of Kisiizi Hospital | 316 |
| <i>Amos Baryashaba, Angella Musimenta, Samuel Mugisha, and Leonard Peter Binamungu</i> | |
| Using PESTELMO to Frame HCI Contextual Development in Developing Countries | 326 |
| <i>Catherine G. Mkude and Maria A. Wimmer</i> | |
| Sustainable ICT, Informatics, Education and Learning in a Turbulent World - “Doing the Safari Way” | |
| Information Systems Education for Development: A Typology of ICT4D Pedagogies | 337 |
| <i>Gwamaka Mwalemba</i> | |
| Data Science Postgraduate Education at University of Dar es Salaam in Tanzania: Current Demands and Opportunities | 349 |
| <i>Betty Mbwilo, Honest Kimaro, and Godfrey Justo</i> | |
| The Role of Human Centered Design (HCD) and Challenge Driven Education in Enhancing the Innovation Capacity of Africa’s Young People: Case of Youth for Children (Y4C) Innovation Hub in Tanzania | 361 |
| <i>Hellen Maziku, Joseph Cosmas, Norah Maki, Honest Kimaro, and Charles Otine</i> | |

| | |
|--|------------|
| Towards Developing Interactive Content for Enhancing Life Skills Education in Tanzania: Possibilities and Pitfalls | 374 |
| <i>Christian M. Budoya, Mussa M. Kissaka, and Joel S. Mtebe</i> | |
| Community-Centered, Project-Based ICT4D Education in the Field | 386 |
| <i>Anna Bon, Jaap Gordijn, Hans Akkermans, Victor de Boer, André Baart, Cheah Wai Shiang, and Sze San Nah</i> | |
| Building Sustainable Collaborations and Academic Networks in Low Income Countries: Case of Master Programmes | 398 |
| <i>Jens Kaasbøll, Chipo Kanjo, and Honest Kimaro</i> | |
| Information and Communication Technology in Mathematics Education – Integration Readiness in Tanzania Higher Education Institutions | 409 |
| <i>Mzomwe Yahya Mazana, Calkin Suero Montero, and Solomon Sunday Oyelere</i> | |
| eLearning in an African Place: How ‘Alien’ eLearning Models Are Failing Many in Africa | 421 |
| <i>Munyaradzi Mawere and Gertjan van Stam</i> | |
| Developing Multimedia Enhanced Content to Raise HIV/AIDS Awareness to Children | 433 |
| <i>Patricia Makuru, Fatuma Simba, and Ellen Kalinga</i> | |
| Author Index | 445 |

Contents – Part I

Communities, ICT-Enabled Networks, and Development

| | |
|---|-----|
| The Ins and Outs of Participation in a Weather Information System | 3 |
| <i>Bidisha Chaudhuri and Linus Kendall</i> | |
| eHealth in Zimbabwe, a Case of Techno-Social Development. | 15 |
| <i>Trymore Chawurura, Ronald Manhibi, Janneke van Dijk, and Gertjan van Stam</i> | |
| ICT Use in the Context of Electricity Access in a Developing Country: A Choice Framework Analysis | 27 |
| <i>Arlene Bailey, Aldrie Henry-Lee, Yhanore Johnson-Coke, Richard Leach, Anthony Clayton, Matt Gee, and Oliver Browne</i> | |
| An Inquiry into IT Governance in Healthcare Organizations in Uganda | 39 |
| <i>Michael Kizito</i> | |
| Exploring an Impact Sourcing Initiative for a Community of People with Disabilities: A Capability Analysis | 51 |
| <i>Karsten Eskelund, Richard Heeks, and Brian Nicholson</i> | |
| System Use and User Satisfaction in the Adoption of Electronic Medical Records Systems: A Case of DHIS2 Tracker Implementation in Tanzania | 63 |
| <i>Immaculate Ayebazibwe, Honest C. Kimaro, and Jens J. Kaasbøll</i> | |
| Contemporary Challenges in Street Trader-Customer Interaction Through Mobile Devices in Dodoma, Tanzania | 76 |
| <i>Joel Rumanyika, Matti Tedre, Mikko Apiola, Solomon Sunday Oyelere, and Nasibu Rajabu Mramba</i> | |
| Value Co-creation in Design of mHealth Applications for Maternal Healthcare Service Delivery | 89 |
| <i>Hawa Nyende</i> | |
| A Framework for Understanding the Empowerment Effects of Telecentres on Rural Communities in Developing Countries | 104 |
| <i>Sellina Khumbo Kapondera, Roberta Bernadi, and Niki Panteli</i> | |
| Leveraging Digital Health Platforms in Developing Countries: The Role of Boundary Resources | 116 |
| <i>Brown Msiska, Petter Nielsen, and Jens Kaasboll</i> | |

| | |
|---|-----|
| ICT Enabled Peace Network: Case Study of Conflict Early Warning System in Kenya | 127 |
| <i>Arunima Mukherjee and Festus Mukoya</i> | |
| E-Commerce Institutionalisation in Mozambique: Enablers and Barriers | 140 |
| <i>Fernanda Matsinhe and Salah Kabanda</i> | |
| The Influence of Telecentres on the Economic Empowerment of the Youth in Disadvantaged Communities of South Africa | 152 |
| <i>Samkelo Lutho Booï, Wallace Chigona, Priscilla Maliwichi, and Khaya Kunene</i> | |
| Peer Networking and Capacity Building for Child Protection Professionals – Lessons from “ChildHub” | 168 |
| <i>Sendrine Constant, Balwant Godara, Thierry Agagliate, Nihaalini Kumar, and Amara Amara</i> | |
| Investigating the Implementation of ICT Tool to Electoral Process in Nigeria. | 181 |
| <i>Aishatu Shuaibu, Salihu Dasuki, and Muhammadou Kah</i> | |
| Digital Platforms for Development | |
| A Multi-level Perspective on Digital Platform Implementation and Impact: The Case of EasyTaxi in Colombia | 195 |
| <i>Juan Erasmo Gomez-Morantes, Richard Heeks, and Richard Duncombe</i> | |
| Exploring Tensions of Global Public Good Platforms for Development: The Case of DHIS2. | 207 |
| <i>Brian Nicholson, Petter Nielsen, Johan Saebo, and Sundeep Sahay</i> | |
| Software Platforms for Inclusive Innovation | 218 |
| <i>Terje Aksel Sanner and Petter Nielsen</i> | |
| The Role of Digital Platforms in Disrupting Agricultural Value Chains in Developing Countries | 231 |
| <i>Bookie Ezeomah and Richard Duncombe</i> | |
| Sharing Economy Digital Platforms and Social Inclusion/Exclusion: A Research Study of Uber and Careem in Pakistan | 248 |
| <i>Fareesa Malik and Zujaja Wahaj</i> | |
| Strategies for Standardizing Health Information Analysis: Flexible Standards Revisited | 260 |
| <i>Olav Poppe, Johan Ivar Sæbø, and Jørn Braa</i> | |

An Institutional Perspective on the Adoption of Open Dashboard for Health Information Systems in Tanzania 272
Wilfred F. Senyoni, Honest C. Kimaro, Jørn Braa, and Claud Kumalija

Tracing the Impact of the City of Cape Town’s Open Data Initiative on Communities and Development 284
Mbongeni Hlabano and Jean-Paul Van Belle

Exploring Hybridity in Digital Social Entrepreneurship 295
Silvia Masiero and M. N. Ravishankar

What Motivates ICT4D Champions? 307
Jaco Renken

Digital Platforms in the Global South: Foundations and Research Agenda . . . 319
Kari Koskinen, Carla Bonina, and Ben Eaton

Scaling Across Functional Domains: A Case of Implementing an Electronic HIV Patient Information System in Sierra Leone. 331
Eric Adu-Gyamfi, Petter Nielsen, Johan Ivar Sæbø, and Zeferino Saugene

Mobile Phone Use for Empowerment and Well-Being of the Physically Challenged in Nigeria 343
Abdulrashid Iliya, Chidi G. Ononiwu, Muhammadou M. O. Kah, and Ago K. M. Quaye

Agile Software Development Practices in Egypt SMEs: A Grounded Theory Investigation 355
Amr A. Mohallel and Julian M. Bass

Experiences from a Development Project in Kenya – Baselines for Future Climate Information Systems 366
Jaakko Helminen, Balozi Bekuta Kironko, Silvia Gaiani, Ezra Misaki, Mikko Apiola, and Erkki Sutinen

How South African University Information Systems Students Are Using Social Media. 378
Yazeed Seedat, Sumarie Roodt, and Samwel Dick Mwapwele

Convergence of Technical and Policy Processes: A Study of Indonesia’s Health Information Systems 390
Taufiq Sitompul, Wilfred Senyoni, Jørn Braa, and Yudianto

IT and Government Corruption in Developing Countries: A Literature Review and Reframing 402
Atta Addo

| | |
|--|-----|
| The Contributions of WhatsApp to Social Inclusion: A Case of Internally Displaced Persons in Nigeria | 414 |
| <i>Salihu Ibrahim Dasuki and Naima Hafiz Abubakar</i> | |
| Ride Hailing Regulations in Cali, Colombia: Towards Autonomous and Decent Work | 425 |
| <i>Katherine M. A. Reilly and Luis H. Lozano-Paredes</i> | |
| Ex-Ante Analysis of Adoption of Introduced Chicken Strains Among Smallholder Farmers in Selected Areas of Tanzania. | 436 |
| <i>Rogers Andrew, Jeremia Makindara, Said H. Mbaga, and Roselyne Alphonse</i> | |
| Assessing User-Designed Dashboards: A Case for Developing Data Visualization Competency | 448 |
| <i>Aprisa Chrysantina and Johan Ivar Sæbø</i> | |
| Is Inclusive Digital Innovation Inclusive? An Investigation of M-Shwari in Kenya. | 460 |
| <i>Wenxiu (Vince) Nan and M. Lynne Markus</i> | |
| Sinking Under Its Own Weight: Case of Aadhaar Mediated Entitlements in India | 472 |
| <i>Arunima Mukherjee and Sundeep Sahay</i> | |
| Design Science Research Strengthened: Integrating Co-creation and Co-design | 486 |
| <i>Calkin Suero Montero and Alsen Florian Kapinga</i> | |
| Institutional Shaping of Affordances: Implications on Information Use in Global Humanitarian Organizations. | 496 |
| <i>Marta Maria Vila-Pozo and Sundeep Sahay</i> | |
| Towards Holistic Mobile Climate Services for Farmers in Tambuu, Tanzania. | 508 |
| <i>Ville Myllynpää, Ezra Misaki, Mikko Apiola, Jaakko Helminen, Moammar Dayoub, Tomi Westerlund, and Erkki Sutinen</i> | |
| Anti-corruption Efforts in National ICT Policies: A Study of Policy Environments in Sub-Saharan Africa | 520 |
| <i>Cecilia Strand and Mathias Hatakka</i> | |
| Integrating Electronic Medical Records Data into National Health Reporting System to Enhance Health Data Reporting and Use at the Facility Level | 532 |
| <i>Bigten R. Kikoba, Ellen Kalinga, and Juma Lungo</i> | |

| | |
|--|-----|
| Recommendations for M-Government Implementation in Developing Countries: Lessons Learned from the Practitioners. | 544 |
| <i>Tupokigwe Isagah and Maria A. Wimmer</i> | |
| Co-creating an ICT Artefact with Elderly Rural Women in Mafarafara: A Social Structuration Account. | 556 |
| <i>Ronel Smith, Marita Turpin, and Marlien Herselman</i> | |
| A Critical Analysis of the Implementation of Health Information Systems for Public Healthcare Service Delivery in Resource-Constrained Environments: A South African Study | 568 |
| <i>Mourine Achieng and Ephias Ruhode</i> | |
| Acceptability and Use of Mobile Health Applications in Health Information Systems: A Case of eIDSR and DHIS2 Touch Mobile Applications in Tanzania | 579 |
| <i>Jimmy T. Mbelwa, Honest C. Kimaro, and Bernard Mussa</i> | |
| The Experience of Chamwino Small-Scale Farmers on the Use of Smartphone in Farming Business, Tanzania | 593 |
| <i>Ezra Misaki</i> | |
| Exploring the Effect of Mobile Apps on SMEs in Nigeria: A Critical Realist Study | 606 |
| <i>Adedamola Tolani, Adebowale Owoseni, and Hossana Twinomurinzi</i> | |
| Evaluating mHealth Apps Using Affordances: Case of CommCare Versus DHIS2 Tracker. | 619 |
| <i>Amrit Chhetri, Mari Iversen, Jens Kaasbøll, and Chipso Kanjo</i> | |
| Investigating the Efficiency of ICT Infrastructure Utilization: A Data Envelopment Analysis Approach. | 633 |
| <i>Yinka Oyerinde and Felix Bankole</i> | |
| ICT for Displaced Population and Refugees: How It Helps, How It Hurts | |
| Mobile Technology for Record Keeping by Women Entrepreneurs in Tanzania: User Requirement Assessment | 649 |
| <i>William Clifford Gomera, Jarkko Suhonen, Solomon Sunday Oyelere, and Alsen Florian Kapinga</i> | |
| Reimagining Refugee Identity Systems: A Sociological Approach. | 660 |
| <i>Shirin Madon and Emrys Schoemaker</i> | |
| ‘When Will You Start Teaching the REAL Curriculum?’: Challenges and Innovations in Education for Rohingya Refugees | 675 |
| <i>Azmina Karim and Faheem Hussain</i> | |

Refugees and ICTs: Identifying the Key Trends and Gaps
in Peer-Reviewed Scholarship. 687
Suzana Brown, Faheem Hussain, and Ali M. Masoumifar

Local Technical Papers

Rate Adaptive Congestion Control Using Lookup Table Scheme
to Enhance Quality of Experience. 701
Jane Lissah and Mercy Mbise

Enhancing Faults Monitoring in Secondary Electrical
Distribution Network. 712
*Yona Andegelile, Godfrey Chugulu, Ally Bitebo, Hadija Mbembati,
and Herald Kundaeli*

Handover Management in Femtocell LTE Networks Under Fast
Varying Channels. 724
Catherine Protas and Kwame Ibwe

Trends and Opportunities for Traffic Engineering Paradigms Across Mobile
Cellular Network Generations. 736
Khadija Mkocha, Mussa M. Kissaka, and Omar F. Hamad

Exploring the Impacts of Intrinsic Variables on Security Compliance
Efficiency Using DEA and MARS. 751
Charlette Donalds, Kweku-Muata Osei-Bryson, and Sergey Samoilenko

A Critical Review of Edge and Fog Computing for Smart
Grid Applications. 763
*Gilbert M. Gilbert, Shililiandumi Naiman, Honest Kimaro,
and Burchard Bagile*

Information Security Culture Assessment of Small and Medium-Sized
Enterprises in Tanzania. 776
Zainab Ruhwanya and Jacques Ophoff

Author Index 789