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As with the Congress, participation in the open conferences is open to all and papers may be invited or submitted. Again, submitted papers are stringently refereed.

The working conferences are structured differently. They are usually run by a working group and attendance is generally smaller and occasionally by invitation only. Their purpose is to create an atmosphere conducive to innovation and development. Refereeing is also rigorous and papers are subjected to extensive group discussion.

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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
Dar es Salaam, Tanzania, May 1–3, 2019
Proceedings, Part I

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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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