

1. Record Nr.	UNINA9910631078903321
Autore	Zheng Yingqin
Titolo	Freedom and Social Inclusion in a Connected World : 17th IFIP WG 9.4 International Conference on Implications of Information and Digital Technologies for Development, ICT4D 2022, Lima, Peru, May 25–27, 2022, Proceedings / / edited by Yingqin Zheng, Pamela Abbott, Jose Antonio Robles-Flores
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031194290 3031194292
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (632 pages)
Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 657
Disciplina	303.4833 303.4833091724
Soggetti	Computers and civilization Computers Computer networks Coding theory Information theory Application software Artificial intelligence Computers and Society Computing Milieux Computer Communication Networks Coding and Information Theory Computer and Information Systems Applications Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Organization -- Contents -- Digital Platforms -- Leveraging Government Digital Platforms in Resource-Constrained Countries: Micro-foundations of Woredas in Ethiopia -- 1 Introduction

-- 2 Literature Review -- 2.1 Digital Platforms -- 2.2 Micro-foundations of Organization's Dynamic Capabilities -- 3 The Government Digital Platform in Ethiopia -- 4 Materials and Method -- 4.1 Data Collection -- 4.2 Case Design -- 5 Data Analysis and Results -- 5.1 Content Analysis Strategy -- 5.2 Results -- 6 Discussion of Findings -- 6.1 Implications for Research, Practice, and Policy -- 7 Conclusion -- 7.1 Limitations and Future Research -- Appendices -- References -- Sociotechnical Factors that Shape E-Government Payment Portal Development in Ghana -- 1 Introduction -- 2 E-Payment and Developing Economies -- 3 The Dialectic Process Theory -- 4 Research Setting and Methodology -- 4.1 Research Setting -- 4.2 Methodology -- 4.3 Data Gathering and Analysis -- 5 Case Description -- 6 Analysis of Findings -- 6.1 Thesis -- 6.2 Antithesis -- 6.3 Technical Antithesis -- 7 Discussion of Findings -- 7.1 Social Challenges -- 7.2 Technical Challenges -- 8 Conclusion -- References -- Role of Social Media Digital Platforms in Empowering and Establishing Digital Enterprises for Women -- 1 Introduction -- 2 Literature Review -- 2.1 Women Entrepreneurship -- 2.2 Digital Platforms Female Entrepreneurship -- 3 Methodology -- 4 Findings -- 4.1 Digital Platforms Address Challenges of Place, Time, and Ease of Doing Business -- 4.2 Digital Platforms Breaking Cultural Barriers and Empowering Women -- 5 Discussion and Conclusion -- References -- Gendered Inequality on Digital Labour Platforms in the Global South: Towards a Freedom-Based Inclusion -- 1 Introduction -- 2 Theoretical Framing - Intersectionality -- 3 The Gig Economy and Notions of Freedom.

3.1 Gendered Pay Gap -- 3.2 Insecurity -- 3.3 Recognition -- 3.4 Gig Economy Platforms and Freedoms -- 4 Findings -- 4.1 Demographics -- 4.2 Gendered Pay Gap -- 4.3 Insecurity -- 4.4 Recognition -- 5 Freedom as the Basis of Inclusivity -- 6 Conclusion -- References -- Factors Affecting Citizens' Use of e-Participation Platforms: A Case of GovChat Platform in Cape Town Municipality -- 1 Introduction -- 2 Literature Review -- 2.1 Citizen Participation Process -- 2.2 Citizen Participation in Africa -- 2.3 Challenges of Citizen Participation in South Africa -- 2.4 e-Participation Platforms for Citizen Participation -- 2.5 GovChat Platform -- 3 Theoretical Framework -- 3.1 Capabilities and Functionings -- 3.2 Well-Being and Agency -- 3.3 Conversion Factors -- 3.4 Operationalising Capability Approach in the Study -- 4 Research Methodology -- 5 Analysis and Findings -- 5.1 Capabilities and Functionings -- 5.2 Personal Factors -- 5.3 Environmental Factors -- 5.4 Social Factors -- 6 Conclusion -- References -- Institutional Work to Routinize the Use of a Digital AMR Monitoring System -- 1 Introduction -- 2 Information Practices and Institutional Work -- 3 Research Methods -- 3.1 Research Site -- 3.2 Data Collection -- 3.3 Data Analysis -- 4 Case Study -- 4.1 Practice of Sample Collection, Indexing, and Transfer to Microbiology Lab -- 4.2 The Practice of AST Testing and Documentation of Results -- 4.3 Practice of Sharing Test Results -- 4.4 Practice of Information Use -- 5 Case analysis and Discussion -- 5.1 Institutional Work Done -- 5.2 Institutional Work Needed to Routinize Digital AMR Monitoring -- 6 Conclusion -- References -- The Role of Digital Platforms in Managing Institutional Logics: Case from DHIS2 in Ethiopia -- 1 Introduction -- 2 Theoretical Framework: Institutional Logic -- 3 Research Approach.

4 Case Description: DHIS2 Navigating Conflicting Logics in Ethiopia -- 5 Analysis and Discussion -- 6 Conclusions -- References -- Introducing Digital Health in Post Conflict Mozambique: A Historical Perspective -- 1 Introduction -- 2 Related Works -- 3 Methods -- 3.1

Data Collection -- 3.2 Data Analysis Process -- 4 Case Study -- 4.1 The Political-Institutional Context of Mozambique (1975-2000) -- 4.2 Initiating Digital Health in Post-conflict Mozambique -- 4.3 The Project Implementation Process -- 5 Analysis -- 6 Discussion -- 7 Conclusion -- References -- Journey on Flattening the Curve: The Actors and Networks of Indonesian Contact Tracing System -- 1 Introduction -- 2 Method -- 3 Results -- 3.1 Moments of Translation -- 4 Discussion -- 4.1 Actors -- 4.2 Networks -- 5 Conclusion -- 6 Limitation Research -- 7 Recommendation -- References -- Government Corruption, ICTs, and the Quest for Inclusion -- Education Information System Decentralization: The Introduction of Digital Learner Records in the Gambia -- 1 Introduction -- 2 IS Centralization and Decentralization -- 3 Methods -- 3.1 Case Background -- 3.2 Data Collection and Data Analysis -- 4 EMIS Decentralization in the Gambia -- 4.1 Implementation of the "EMIS Shift" -- 4.2 Institutional Reception -- 5 Analysis -- 5.1 Framework Analysis -- 6 Discussion -- 7 Conclusion -- References -- Including the Excluded: Achieving Representation Through Strengthening Health Information Systems in Lao PDR -- 1 Introduction -- 2 Exclusion, Representation and HIS -- 3 Setting: Lao PDR HIS -- 4 Methodology -- 5 Findings and Interventions -- 5.1 Digital Register -- 5.2 Family Folder Project -- 6 Discussion -- 7 Conclusion -- References -- Human-Computer Interaction for Ethical Value Exchange and Social Inclusion -- Where There is No CISO -- 1 Introduction -- 2 Methods -- 2.1 Scoping Review.

2.2 Reflections from Action Research -- 3 Related Literature -- 4 Empirical Findings -- 4.1 Some Incidents We Are Aware of -- 5 Discussion -- 5.1 Incidents and Nature of Threats -- 5.2 Hosting Issues -- 5.3 User Data -- 5.4 The Need for Global Awareness -- 6 Conclusion -- References -- Digital Entrepreneurship for Development -- Negotiating Inclusion and Digital Entrepreneurship in a Zambian Innovation Hub: A Post-colonial Perspective -- 1 Introduction -- 2 Inclusion as a Discourse Within Processes of Uneven Development -- 3 Postcolonial Theories -- 4 Approach -- 5 Findings -- 6 Funders vs Local Ambitions -- 7 Gender Inclusion -- 8 Discussion -- 9 Conclusion -- References -- Leveraging Blockchain Technology for the Empowerment of Women Micro-entrepreneurs -- 1 Introduction -- 2 Literature Review -- 2.1 Challenges Faced by Women Micro-entrepreneurs -- 2.2 Blockchain Technology -- 2.3 Blockchain Technology for Empowerment and Development -- 2.4 Blockchain Technology for Financial Inclusion -- 3 Research Methodology -- 4 Data Analysis, Findings and Discussion -- 4.1 Empirical Findings -- 5 Conclusion -- 5.1 Limitations -- 5.2 Future Research -- References -- Digital Resilience in Adversity -- Digitalisation of Indigenous Finance Institutions in Sub-Saharan Africa: A Critical Discourse Analysis -- 1 Introduction -- 2 Contextualising Indigenous Finance Institutions -- 3 Critical Discourse Analysis (CDA) Review Methodology -- 4 Empirical Analysis and Findings -- 5 Implications and Recommendations for Future Research -- 6 Conclusion and Limitations -- Appendix -- References -- Reimagining Socio-technical ICT4D Interventions: Nexus Between Context, Resilience, and Sustainability -- 1 Introduction -- 2 Review of the Literature -- 2.1 Information Systems as Context-Specific and Socio-technical Systems.

2.2 Context, Resilience, and Sustainability as Socio-technical Phenomenon -- 3 Research Methodology -- 3.1 Research Context and Data Collection -- 4 Findings -- 4.1 The Link Between Context, Resilience, and Sustainability in ICT4D Interventions -- 5 Discussions -- 6 Conclusion -- References -- The Use of a User-Centric Smart

Mobile Application Prototype for Supporting Safety and Security in a City: A Design Science Method -- 1 Introduction -- 2 Literature Review -- 2.1 Smart Cities -- 2.2 The City of Cape Town and the Smart City -- 2.3 Safety and Security in Cape Town -- 2.4 Personal Safety and Fear of Crime -- 2.5 Citizen Involvement and User-Centered Design -- 3 Methodology -- 3.1 Research Strategy -- 3.2 Design Science Research Methodology Framework -- 3.3 Sampling Strategy and Size -- 3.4 Data Collection Method -- 3.5 Data Analysis -- 4 Findings -- 4.1 Explicate Problem - Challenges with Regards to Feelings of Safety and Security -- 4.2 Define Requirements -- 4.3 Design and Development of Artifact -- 4.4 Demonstrate Artifact -- 4.5 Evaluate Artifact -- 5 Discussion -- 6 Conclusion -- References -- Building Digital Resilience to Combat Pandemics: Comparison of South Korea, Sri Lanka and Rwanda -- 1 Introduction -- 2 Review of Literature -- 2.1 Resilience -- 3 Methods -- 4 Case Studies -- 4.1 South Korea -- 4.2 Sri Lanka -- 4.3 Rwanda -- 5 Discussion -- 5.1 Agility of Response -- 5.2 Flexible Use of Digital Technologies and Networking -- 5.3 Optimum Use of Local Capacity -- 6 Conclusion -- References -- Digital and Language Inequalities in Disseminating COVID-19-Related Health Campaigns in Uganda: The Effects of Confinement and Social Distancing Strategies -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 3.1 Participants and Data Sources -- 3.2 Procedures -- 4 Results and Discussions -- 4.1 Introduction. 4.2 Discursive Thematic Analysis of Official Communication on COVID-19 in Uganda.

---

#### Sommario/riassunto

This book constitutes the refereed proceedings of the 17th IFIP WG 9.4 International Conference on Social Implications of Computers in Developing Countries, ICT4D 2022, which was supposed to be held in Lima, Peru, in May 2021, but was held virtually instead due to the COVID-19 pandemic. The 40 revised full papers presented were carefully reviewed and selected from 58 submissions. The papers present a wide range of perspectives and disciplines including (but not limited to) public administration, entrepreneurship, business administration, information technology for development, information management systems, organization studies, philosophy, and management. They are organized in the following topical sections: digital platforms and gig economy; education and health; inclusion and participation; and business innovation and data privacy.

---