1. Record Nr. UNISA996483158803316 Innovation practices for digital transformation in the Global South: IFIP Titolo WG 13. 8, 9. 4, invited selection / / Jose Abdelnour-Nocera [and three others], editors Cham, Switzerland: ,: Springer International Publishing, , [2022] Pubbl/distr/stampa ©2022 **ISBN** 3-031-12825-7 Descrizione fisica 1 online resource (194 pages) IFIP Advances in Information and Communication Technology Ser.;; v. Collana 645 Disciplina 338.064091724 Soggetti Technological innovations - Developing countries Technological innovations - Management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Intro -- Preface -- Organization -- Contents -- Digital Inequities and Nota di contenuto

Societal Context: Digital Transformation as a Conduit to Achieve Social and Epistemic Justice -- 1 Introduction -- 2 Ontological and Epistemological Assumptions -- 3 Conceptions of the Digital Era -- 4 Theoretical Perspectives -- 4.1 Social Justice and Education -- 4.2 Epistemic Justice -- 4.3 Pursuing Institutional Equity -- 5 Discussion and Implications -- 6 Conclusion -- References -- Complexities and Challenges of Multi-stakeholder Involvement in Digital Transformation in the Global South: The Machine-Readable Passport Project in Bangladesh -- 1 Introduction -- 1.1 Theoretical Framework -- 1.2 The Salience Model -- 2 Methods -- 2.1 Data Gathering -- 2.2 Data Analysis -- 3 Findings -- 3.1 Stakeholders -- 3.2 Stakeholder Salience -- 3.3 Complexities and Challenges -- 4 Discussion and Conclusion -- 5 Limitations and Further Research Directions --References -- From Digital Divide to Digital Discovery: Re-thinking Online Learning and Interactions in Marginalized Communities -- 1 Introduction -- 2 Introduction -- 2.1 STEAM Education -- 2.2 Global South -- 2.3 Sociocultural Perspective -- 3 Methodology -- 3.1

Context and Participants -- 3.2 Tools -- 3.3 Phases of the Intervention -- 3.4 Reflective Approach -- 4 Findings -- 4.1 The Use of Offline

Networked Mobile Learning -- 4.2 The Educational Practices in the Non-formal Context During the Pandemic -- 4.3 The Dialogic Opportunities Created Among Participants -- 5 Discussion -- 6 Conclusions -- References -- Land, Letema and Leola: Digital Transformation on a Rural Community's Own Terms -- 1 Introduction -- 2 Mmatshepo's Mandhwane and Mind Mobilisation -- 3 Community Networks in Decolonising Transformation -- 3.1 Decolonising Innovation in Africa -- 3.2 Grounding Community Networks in Mandhwane.

4 An African Cultural Framework: Positionality and Paradigm -- 5 Situating Innovation in Mandhwane -- 5.1 Documenting Cultural Practices and Tuning into Leola -- 5.2 Mobilising Minds and Planning to Support Cultural Knowledge -- 5.3 Translating Leola into the Mamaila Community App -- 6 Conclusion: Mandhwane in Transformation -- 6.1 Recognising Personhood and Knowledge in Mind Mobilisation -- 6.2 The Role of Land in Creative Pedagogy --References -- Adoption of Mobile Applications for Self-healthcare Monitoring by the Youth in South Africa -- 1 Introduction and Background -- 2 Literature Review -- 2.1 Non-communicable Diseases in South Africa -- 2.2 Mobile Health (mHealth) -- 2.3 Adoption of Mobile Self-healthcare Monitoring Applications -- 3 Theoretical Framework and Hypotheses Formulation -- 4 Methodology -- 5 Findings -- 5.1 Factors Influencing the Adoption of Selfhealthcare Monitoring Mobile Applications -- 5.2 Effects of the Factors on the Adoption of Self-healthcare Monitoring Mobile Applications -- 6 Discussion -- 7 Conclusion -- References -- Determinants of the Adoption of Mobile Applications that Help Induce Healthy Eating Habits -- 1 Introduction -- 2 Literature Review -- 2.1 Determinants of the Adoption of Mobile Health Applications -- 2.2 Effects of mHealth Interventions on Food and Nutrient Intake -- 2.3 Effects of mHealth Interventions on Weight Loss -- 3 Theoretical Framework -- 3.1 Theoretical Propositions -- 4 Material and Methods -- 5 Results and Discussion -- 5.1 Demographics Information of the Participants --5.2 Factors that Can Influence the Youth to Adopt Mobile Applications that Help Induce Healthy Eating Habits -- 5.3 Determinants of the Adoption of Mobile Applications that Help Induce Healthy Eating Habits -- 6 Conclusion -- References -- Sociotechnical Dimension of Trucking in India: Possibilities for Digitalization. 1 Introduction -- 2 Trucking and Digitalization in India -- 3 Theoretical Backdrop of Sociotechnical Systems and Symbolic Interactionism -- 4 Details of Fieldwork -- 4.1 Setting -- 4.2 Participants -- 4.3 Duration and Process -- 4.4 Engagement -- 5 Results: Trucking as Sociotechnical Processes -- 5.1 Transport Agencies and the Functioning of the Sector -- 5.2 Stakeholders and the Social Hierarchy -- 5.3 Everyday Challenges in Trucking -- 5.4 Challenges on the Road - Burglary and Natural Calamities -- 6 Discussion: Avenues for Sociotechnical Digital Transformation in the Trucking Sector and Key Insights -- 7 Conclusion -- References -- Role of Digital Platforms in Entrepreneurial Processes: The Resource Enabling Perspective of Startups in Pakistan -- 1 Introduction -- 1.1 Purpose and Objectives -- 2 Literature Review -- 2.1 Digital Platforms -- 2.2 Entrepreneurial Processes -- 2.3 Entrepreneurial Bricolage Theory -- 3 Research Methodology -- 4 Findings -- 4.1 Input Bricolage: Combining Internal and External Resources -- 4.2 Market Bricolage: Enhancing Customer Base and Building Trust -- 4.3 Institutional Bricolage: Institutional Orders and Institutional Transformation -- 5 Discussion and Conclusion -- References -- The

Chronicles of Kunene: The Lion, the Omuhimba and the Drone -- 1

Introduction -- 2 Theoretical and Methodological Framing -- 2.1 Ecocentrism -- 2.2 African Indigenous Perspectives -- 2.3 Community-Based Co-design -- 3 Case Study Context -- 3.1 Communities -- 3.2 Tensions and Challenges -- 3.3 Wildlife Monitoring -- 3.4 Towards an Integrated Wildlife Monitoring System -- 3.5 Development Approach -- 4 Co-design of Okuwonga -- 4.1 The Omuhimba -- 4.2 The Lion -- 4.3 The Drone -- 5 Community-based Co-design as an Innovation Enabler -- 6 Conclusion -- References.
From Staging to Social Protagonism: Digital Transformation Within the Experimental Theater of Cali -- 1 Introduction -- 2 Literature Review -- 2.1 The Experimental Theater of Cali -- 2.2 The Method for Collective Creation -- 3 Methodology -- 4 Proposals -- 4.1 First Proposal -- 4.2 Second Proposal -- 4.3 Storyboard -- 5 Discussion -- 5.1 Third Level Problems -- 5.2 Data Bases and Algorithms -- 5.3

Conclusions -- References -- Author Index.