Mobile Technologies for Preservation of Indigenous Knowledge in Rural Communities

Heike Winschiers-Theophilus
School of Information Technology
Polytechnic of Namibia
Windhoek, Namibia
heikewinschiers@gmail.com

Tariq Zaman & Alvin Yeo
Institute of Social Informatics & Technological Innovations
University Malaysia Sarawak
Kuching, Malaysia
zamantariq@gmail.com, alvin@isiti.unimas.my

Kasper Rodil
Department of Architecture, Design and Media Technology
Alborg University
Aalborg, Denmark
kr@create.aau.dk

Kasper Jensen
Mobile Future Lab
Namibian Business Innovation Centre
Windhoek, Namibia
kasper.loevborg@gmail.com

Abstract— In this paper we explore the opportunities of mobile technologies in three of our own development endeavors with rural communities, promoting the preservation of indigenous knowledge. We reflect upon and recognize the fact that the representation of indigenous knowledge will be transformed within the digitalization process under the limitations and capabilities of the tools. We believe that a continuation of local appropriation and co-design of tools will lead to an integrated, intuitive and non-intrusive indigenous knowledge preservation process within the local communities.

Keywords—Indigenous Knowledge, mobile technology, smart phones, rural communities

References