

South African Computer Journal

Volume 34 Number 1, July 2022

ISSN 1015-7999 (print)

ISSN 2313-7835 (online)

A publication of the South African Institute of Computer Scientists and Information Technologists
Open Access: <http://sacj.cs.uct.ac.za>

CONTENTS

Editorial: Onward and upward	vii
Philip Machanick	
Reviewed papers	
Critical success factors in Software development projects	1
M.E. Bogopa, and C. Marnewick	
Understanding age differences in technophobia: A South African case study	35
S.T. Faloye, S. Ranjeeth, and S. Ako-Nai	
Evaluating the optimization of limited government resources in low-income countries using a sharing economy platform	61
S. Gebeyehu H. Twinomurinzi	
Secondary school teachers' perceptions of BYOD among learners within the classroom	79
T. Mawere, C. Manjeese, and J. Chigada	
The state of systems development methodologies use within the systems development organisations in South Africa	103
B. Moyo, M. Huisman, and L. Drevin	
An IT strategic decision-making framework in the midst of disruptive technologies	124
R. Padayachee, A. van der Merwe, and M. Matthee	
An adaptive, probabilistic, cognitive agent architecture for modelling sugarcane growers' operational decision-making	152
C.S. Price, D. Moodley, A.W. Pillay, and G.B. Rens	
Making research methodologies in theoretical computing explicit	192
I. Sanders, C. Pilkington, and L. Pretorius	
Viewpoint	
Ensuring quality PhDs in computing	217
I. Sanders	
