

PhD Students	E-mail address	Supervisor	Co-supervisor(s)	Title
2021				
Nita Mennega	nita.mennega@up.ac.za	Prof C de Villiers		Towards a theoretical framework for understanding the motivations of female South African university students to study Information Technology
Paul W Poteete	ppoteete@gmail.com	Prof Rennie Naidoo		Designing an Interest-to-Function career alignment model for Cybersecurity professionals
Mmataseleng Lefike	Mmataseleng.Lefike@airports.co.za	Prof Marita Turpin		A systems framework for analysing the impact of corporate social investment projects that focus on Information Technology
George Maramba	georgemaramba@gmail.com	Prof Hanlie Smuts		Combining Big Data and traditional business intelligence – a framework for a hybrid data driven decision support system
2020				
Adriana Botha	adriana.botha@up.ac.za	Prof C de Villiers		A learning management system based framework for higher education quality programme review
Emanuele Laurenzi	emanuele.laurenzi@fhmw.ch	Prof Alta van der Merwe	Prof Knut Hunkelmann and Prof. Dr. Ulrich Reimer	An Agile and Ontology-Aided Approach for Domain-Specific Adaptations of modelling languages
Susan Tredoux	u84476088@tuks.co.za	Prof Alta van der Merwe	Prof Aurona Gerber	A theory-ingrained integrated change management framework for the implementation of Enterprise Resource Planning Systems to mobilise user readiness
Komla Pillay	komla.pillay@up.ac.za	Prof Alta van der Merwe		Big data-driven decision making framework to support the use of big data analytics for decision-making within the South African banking sector
Rajan Padayachee	rajan.padayachee@gmail.com	Prof Alta van der Merwe	Prof Machdel Matthee	An IT strategy decision making framework for CIO's in the midst of disruptive technologies
Johan Rossouw	jp.rossouw@mweb.co.za	Prof Machdel Matthee	Dr Lizette Weilbach	Moving towards hybrid learning ecosystems in schools: a change framework
Lekileli Letsie	likeleli.letsie@gmail.com	Prof Carina de Villiers		The influence of generational differences on the integration of educational technology in higher learning institutions
2019				
Michael Stauffer	michael.stauffer@fhmw.ch	Prof Kaspar Riesen	Prof Andreas Fischer Prof Machdel Matthee	Graph-based keyword spotting in handwritten historical documents
Ntsako Baloyi	nbaloyi1@csir.co.za	Prof Paula Kotze	Ms Sylvia Papadopoulos (Advisor on legal issues)	A data privacy framework for cyber-physical systems and internet of things for Information technology professionals
Ronel Smith	smith.ronel@gmail.com	Dr Marita Turpin	Prof M Herselman	A co-creation design framework to support elderly rural women in refining an ICT platform
Elizabeth Venter	istrust@lantic.net	Dr Phil van Deventer		ICT usage in small, medium and micro enterprises: A South African perspective of its role and impact on poverty reduction
Henriette Harmse	henrietteharmse.dariel@gmail.com	Prof Aurona Gerber	Prof K Britz	Armstrong Aboxes: The Application of Armstrong relations to description logics
Noel Zhakata	noelzhakata@gmail.com	Prof Carina de Villiers		A framework for facilitating functioning knowledge in a computer-based instruction end-user computing service course
Brenda Didi-Quvane	didiquvanebrenda@gmail.com	Prof Hanlie Smuts	Prof Machdel Matthee	Framework for dynamic risk management in responsive organisations
Pierre le Roux	pierrelr@mbz.za.com	Prof Alta van der Merwe	Prof Aurona Gerber	Enterprise Architecture as conceptual framework to support small to medium enterprise growth: a South African study
2018				
Saloshana Naidoo	saloshana.naidoo@up.ac.za	Prof Carina de Villiers		Exploring the undergraduate Information Technology experience of an extended four-year programme
Alex Marufu	Alex.marufu@gmail.com	Prof Alta van der Merwe		ICT based innovation using service-dominant logic in health-care : A design thinking perspective
Tania Prinsloo	tania.prinsloo@up.ac.za	Prof Carina de Villiers		Liestock traceability systems in Swaziland and Namibia ; towards and impact-for-sustainable-agriculture framework
Peter Makiwa	pmakiwa@gmail.com	Dr Riana Steyn	Prof Carina de Villiers	Developing and validating an ICT adoption framework for SMEs in developing countries: a case of Zimbabwe
Mosima Meela	missmosima@yahoo.com	Dr Henk Pretorius	Dr Marie Hattingh/Prof Carina de Villiers	Towards a theoretical framework for female IT professionals' advancement to IT executive positions: a South African perspective
Annamare Wolmarans	annamare.wolmarans@exxaro.com	Prof Neels Kruger	Dr Neil Croft	A divestment framework for IT governance: case studies in the South African mining industry
2017				
Chepkoech Kiptoo	chepkoechc@gmail.com	Prof Aurona Gerber	Prof Alta van der Merwe	An ontology and crowd computing model for expert-citizen knowledge transfer in biodiversity management

Busi Mbuyisa	busiwe.mbuyisa12@gmail.com	Prof Awie Leonard		ICT usage in small, medium and micro enterprises : A South African perspective of its role and impact on poverty reduction
Manti Grobler	manti.grobler@gmail.com	Prof Carina de Villiers		Shaping meaningful ICT4D solutions using design science research : A social shaping of technology framework based on the capability approach

2016

Mario Marais	mmarais@csir.co.za	Prof Hugo Lotriet	Prof Machdel Matthee	Social capital as a resource in the Village Operation model for rural broadband internet access and use
Justy Range	justyrange@gmail.com	Prof Awie Leonard		A conceptual framework for the enhancement of trust in South Africa's fresh produce markets through the use of self-service technologies
Jaco du Preez	jaco.dupreez42@gmail.com	Prof Alta van der Merwe	Prof Machdel Matthee	Understanding the architect in enterprise architecture : the Daedalus Instrument for architecture

2015

Adri Swanepoel	adri.swanepel@resbank.co.za	Dr Johan van Loggerenberg	Prof Alta van der Merwe	Towards a framework for understanding Information Systems ownership
Riana Steyn	riana.steyn@up.ac.za	Prof Carina de Villiers	Prof Hossana Twinomurizi	Incorporating technology in South African entrepreneurial training
Tendani Mawela	mawelatendani@gmail.com	Prof Hossana Twinomurizi		Towards a transformational government framework for sub-Saharan Africa
Dirk Kruger	dirk@proma.co.za	Prof Carina de Villiers		The development of a contextual training and career management framework for ICT project managers
Jerry Mashinini	jerry.mashinini@odirile.co.za	Prof Hugo Lotriet		Towards the development of a grounded framework of context as tool for linking rural community development needs to ICT policy and implementation in the Dr J.S. Moroka Municipality, Mpumalanga, South Africa
Marie Hattingh	Marie.hattingh@up.ac.za	Prof Machdel Matthee	Prof Hugo Lotriet	Towards understanding the role the Internet plays in expatriate adjustment in the Kingdom of Saudi Arabia

2014

Henk Pretorius	henk.pretorius@up.ac.za	Prof Ian Strydom	Prof Awie Leonard	Towards a theoretical framework to support corporate governance through the use of a Business Process Management System : a South African perspective
Phil van Deventer	phil.vandeventer @up.ac.za	Prof Neels Kruger	Prof Roy Johnston	The fundamental building blocks of organisational knowledge management - a statistical evaluation
Lizette Weilbach	Lizette.weilbach@up.ac.za	Prof Elaine Byrne		An Institutional perspective on change management: a case study of an open source enterprise content management system (ECM) in the South African Public Sector
Kirstin Krauss	krauske@unisa.ac.za	Prof PM Alexander		Ethical ICT research practice for community engagement in rural South Africa

2013

Johan Breytenbach	breytenbachj@gmail.com	Prof Carina de Villiers		A critical review of ICT-enabled development influencing the quality and quantity of South African tertiary education students
Sumarie Roodt	sumarie.roodt@uct.ac.za	Prof Carina de Villiers		Towards a social software technology ecology for computer-supported collaborative learning
Pieter Joubert	None	Prof Carina de Villiers	Prof Jan Kroeze	Towards an integrative modelling technique between business and information system development

2012

Marita Turpin	Marita.turpin@up.ac.za	Prof Trish Alexander	Dr Jackie Phlamohlama	Assessing the contribution of information technology to development : a social systems framework based on structuration theory and autopoiesis
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2011

Nehemiah Mavetera	mavetera@yahoo.com	Prof Jan Kroeze		Towards an ontology-driven software development approach: An unended quest
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