

**13th International Conference on e-Learning
ICEL 2018**

5-6 July 2018

CPUT Granger Bay Campus (Hotel School), Beach Rd, Mouille Point, Cape Town

Wednesday 4 July 2018

10:30 Pre-Conference Workshop: The i3 Model: Rethinking how Faculty teach high quality online and blended courses

Led by: Michele Parker, UNC Wilmington and Tiffany Baffour, University of North Florida, USA

Room: 1st Floor, Centre for Innovative Educational Technology, Cape Town Campus, Darling Street

18:30 Welcome drinks and pre-conference registration (Until 19:30)

Conference Hotel: La Splendida Hotel 121 Beach Road, Mouille Point, 8005 Cape Town, South Africa

Thursday 5 July 2018

08:30 Registration and coffee at CPUT Granger Bay Campus (Hotel School), Beach Road, Mouille Point

09:00 Room: Auditorium

Welcome and Opening of the Conference by the Conference Chairs

09:20 Keynote Address: Prof Susan Geertshuis, University of Auckland Business School, New Zealand

Blending institutions: Technology as a Means of uniting Universities in the Service of our Students

10:05 Conference splits into parallel streams

	Room: 218 Stream A - Mini track on Design Thinking for Learning & Teaching in Higher Education Chair - Daniela Gachago, Liza Hitge, Jolanda Morkel and Izak Van Zyl	Room: 219 Stream B - Mini track on Promoting Active Learning: Possibilities and Pitfalls Chair - Judy "JJ" Jackson	Room: 220 Stream C - Virtual, Augmented and Mixed Reality and Educational Environments Chair - Kathrin Hohlbaum	Room: 321 Stream D - Technology intergration into education Chair - JT Janse van Rensburg	Room: AB Stream E - The Teachers' Role Chair - Jean-Michel Dalle
10:15	The i3 Model: Rethinking how Faculty Yeach Quality Online and Blended Courses Parker Michele , UNC Wilmington, Tiffany Baffour , University of North Florida and Laura Cruz , Learning Consultants,Pittsburg, USA	Revitalization of an Indigenous Language: Who is Better the Teacher or the App? Ramirez Gloria , Haytham El Miligi , Patrick Walton , Thompson Rivers University and Christine Billy , Skelep School of Excellence, Kamloops BC, Canada	Dancing with Avatars: Engaging Motion Capture, 3D Animation and Virtual Reality to Teach Practical Dance Classes Zenenga Praise , University of Arizona, USA (Presentation only)	Research on Mobile Cloud Computing in Teaching and Learning: A Conceptual Model Van Biljon Judy and Ronell Van der Merwe , University of South Africa, South Africa	Effective Blended Learning Teaching Strategies on Students' Self-direction Adinda Dina and Pascal Marquet , University of Strasbourg, France
10:45	Contextualising M-Learning Readiness Actor Network in an Open Distance Learning University Paledi Victor and Patricia Alexander , University of South Africa, South Africa	Converting from 'Doubter' to Promoter of Blended Learning Approaches in Higher Education Charbonneau-Gowdy Paula and Monica Frenzel , Universidad Andres Bello, Santiago, Chile	Learn 3.0 meets Library 3.0: A Case Van Wyk Brenda and Hermien Geldenhuys , The Independent Institute of Education, Johannesburg, South Africa	Conceptual Development in a Computer-simulated Learning Environment Hudson Lizel , Penelope Engel-Hills and Christine Winberg , Cape Peninsula University of Technology, South Africa (Presentation only)	Meeting the Needs of Digital Learners: Learner Support Patterns and Strategies Krull Greig and Josep Duart , The Open University of Catalonia, Spain
11:15	Students as Co-Developers of Courses in Higher Education Tøndel Marte , Linda Kjønig , Ingunn Schult , Stig Holen and Tone Vold , Inland Norway University of Applied Sciences, Norway	Supporting Formative Assessment Using a Class Response System FAMA Alvarez-Gonzalez Luis and Esteban Huenumán , Universidad Austral de Chile,Valdivia, Chile	e-Learning an ICT Course in an Online and Open Distance Education Environment Goosen Leila and Lizelle Naidoo , University of South Africa, South Africa	An Evaluation Framework for the Institutionalisation of Blackboard in a Higher Education Institution Nkonki Vuyisile , Univeristy of Fort Hare, Alice, South Africa (Presentation only)	Use of the Moodle Curriculum by Lecturers at a South African University Khoza Simon and Cedric Mpungose , University of KwaZulu-Natal, South Africa
11:50	Room: Auditorium Keynote Address: Prof. Cheryl Hodgkinson-Williams, University of Cape Town (UCT), South Africa Challenges of online learning for campus-based universities: Open educational practices and resources as a response				
12:30	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>

	Room: 218 Stream A - Mini track on Design Thinking for Learning & Teaching in Higher Education Chair - Daniela Gachago, Liza Hitge, Jolanda Morkel and Izak Van Zyl	Room: 219 Stream B - Mini track on Promoting Active Learning: Possibilities and Pitfalls Chair - Gloria Ramirez	Room: 220 Stream C - Knowledge Sharing Chair - Katrina Plastow	Room: 321 Stream D - PhD and Masters Colloquium Chair - Dr Johannes Cronjé and Faiq Waghid	Room: AB Stream E - Implementation Issues Chair - Tone Vold
13:30	Learning Design in African Higher Education Pallitt Nicola, Tony Carr, Jakob Pedersen , University of Cape Town, South Africa, Sandhya Gunness , University of Mauritius, Mauritius and Jerome Dooga , University of Jos, Nigeria	Promoting Active Learning using an E-Learning Platform Patel Ayyub, Mohammed Amanullah , Alamri Abdulaziz, Sarah Afaq and Mohammed Tauheed Ahmad College of Medicine, King Khalid University, Saudi Arabia	The Effectiveness of Electronic Tools to Share Knowledge Castaneda Delio , Pontificia Universidad Javeriana, Colombia and Paul Toulson , Massey University, New Zealand	1330-1340 Exploring Wiki-based Collaborative Writing Activities Among ESL Pre-service Education Students Najjemba Lutaaya Josephine , Makerere University, Uganda, Johannes Cronje , Cape Peninsula University of Technology, South Africa and Simon Peter Kafui Aheto , University of Cape Coast, Ghana 1345-1355 Field Guide to Gamification: Game Components and Motivation in Higher Education Lenz Laura, Valerie Stehling, Max Haberstroh and Ingrid Isenhardt , RWTH Aachen University, Germany 1400-1410 Towards Meaningful e-Learning of ICT Courses in Online and Open Distance Education Mukasa-Lwanga Toppie and Leila Goosen , University of South Africa, South Africa (Masters) 1415-1425 Investigating Adoption and Application of Learning Analytics in South African Higher Education Institutions Ngqulu Ndiyakholwa, Cape Peninsula University of Technology, South Africa (Masters) 1430-1440 Towards a Framework for Partnerships between Higher Education Institutions and e-Learning Schools Vorster Johan and Leila Goosen , University of South Africa, South Africa 1445-1500 - Discussion and Feedback	Students' perceptions on screencasts feedback in postgraduate research supervision Swartz Bronwyn and Daniela Gachago , Cape Peninsula University of Technology, South Africa (Case, Main) IEL-074
14:00	A Tool for the Acquirement of Currently Required Competencies of Crisis and Security Managers Ristvej Jozef, Katarina Kampova, Eva Sventekova , Michaela Janosikova , University of Zilina, Roman Ondrejka , Transport Institute Inc., Slovakia and Tomas Lovecek , General Tadeusza Kościuszki Military University of Land Forces, Poland. (Presented by Roman Tandlich)	Enhancing Learning Through Formative Assessment for First Year Education Students Mthethwa Lindiwe Carol, University of Zululand, South Africa	Modeling the Knowledge Sharing Behavior of Students on Facebook Hossain Mohamed Emran, Touhid Bhuiyan , Imran Mahmud and Md. Shohel Arman , Daffodil International University, Bangladesh		Change Management: Blended Learning Adoption in a Large Network of European Universities Dion Guillaume , Agoranov & EIT Digital, Jean-Michel Dalle , Sorbonne University, Paris, Frédéric Renouard , University of Rennes 1 & EIT Digital France et al.
14:30	How Important is Interaction to Students? A Case in Open Distance Learning Van den Berg Geesje, University of South Africa, South Africa	Issues and Challenges of Online Learning at MSU Denver, USA Mpondi Douglas, Metropolitan State University of Denver, USA (Presentation only)	Betwixt and Between: The Liminality of Guiding Students Smit Imelda, North-West University, South Africa		Changing Higher Education Provision through Unbundling and Marketization in South Africa Walji Sukaina and Laura Czerniewicz , Centre for Innovation in Learning & Teaching, University of Cape Town, South Africa (Round Table)
15:00	Refreshments	Refreshments	Refreshments	Refreshments	Refreshments
15:30-16:10	Room: Auditorium Keynote presentation: Prof. Paul Prinsloo, University of South Africa (Unisa) Using student data: Moving beyond data and privacy protection to student data sovereignty as basis for an ethics of care				
	Room: 218 Stream A - Mini track on Design Thinking for Learning & Teaching in Higher Education Chair - Daniela Gachago, Liza Hitge, Jolanda Morkel and Izak Van Zyl	Room: 219 Stream B - Roundtable Discussion: Issues of Social Justice, Science, Mathematics, Technology, Teaching and Learning Chair - Cheryl Leggon	Room: 220 Stream C - MOOCs Chair - Simon Khoza	Room: 321 Stream D - Mini track on Strategies for Evaluating Online Course Outcomes Chair - Marlena Kruger	Room: AB Stream E - Health Education Chair - Mignon Watson
16:15	Possibilities of Online Education in South African TVET Institutions Sibisi Patricia and Thabisile Maphumulo , University of South Africa, South Africa (Presentation only)	Roundtable Discussion Issues of Social Justice, Science, Mathematics, Technology, Teaching and Learning Chaired by Cheryl Leggon from Georgia Tech, USA with With: Judy Jackson , Massachusetts Institute of Technology, Evelynn Hammonds , Harvard University, Jann Adams , Morehouse College, Willie Pearson, Jr. , Georgia Institute of Technology, Gilda Barabino , City University of New York, Michael S. Gaines , University of Miami, Elva Jones , Winston-Salem State University, Omari Simmons , Wake Forest University School of Law, Peter Romine , Navaho Technical University, Medeva Ghee , Brown University, USA; Geesje Van den Berg , University of South Africa, Martinus van Rooy , University of South Africa (Retired), Vijay Reddy , Human Sciences Research Council, South Africa;	Wrapping of a Social Innovation MOOC Deacon Andrew, Tasneem Jaffer , Jeff Jawitz , Janet Small and Sukaina Walji , University of Cape Town, Centre for Innovation in Learning and Teaching, South Africa	Advancing Students Learning Experiences in Laboratory Reporting through the use of a Course Management System Markus Elisha and Ntombizanele Maqache , Central University of Technology, South Africa	Enhancing Blended Learning for Part-time Health Professionals Marais Debbi, University of Warwick, UK (Round Table, Active Learning)
16:45	Gamification Driven Learning Analytics Dichev Christo, Darina Dicheva and Keith Irwin , Winston Salem State University, USA		The Role of Social Media in Motivating Students in Pre-Connectivist MOOCs Ripiye Puna-Rimam, Liz Bacon , Lachlan Mackinnon and Simon Walker , University of Greenwich, UK	Reflection: Usage of the Learning Management System at the Faculty of Military Science Khoza Lindiwe Mhakatuni, Military Academy/Stellenbosch University, South Africa	Flipping the Classroom for Health Managers Schult Ingunn, Marte Tøndel , Linda Kiønig , Stig Holen and Tone Vold , Inland Norway University of Applied Sciences, Norway
17:15	Enabling a Smart Classroom through New e-Learning Affordances Montebello Matthew, University of Malta, Malta		Understanding how Participants use Open Online Courses for Transitions Walji Sukaina, Andrew Deacon , Jeff Jawitz , Janet Small and Tasneem Jaffer , University of Cape Town, South Africa		Does Using Real Cases when Educating Health Managers Enhance Relevance and Learning Outcome? Vold Tone, Linda Kiønig , Ingunn Schult and Marte Tøndel , Inland Norway University of Applied Sciences, Norway
17:45	Close of Conference Day	Close of Conference Day	Close of Conference Day	Close of Conference Day	Close of Conference Day
19:30	Conference dinner at Pigalle Pigalle Restaurant, Somerset Square, 57 Somerset Rd, Green Point, Cape Town, 8001, South Africa				

Friday 6 July 2018					
09:00	Room: Auditorium Opening Messages				
09:05	Keynote presentation: Prof. Wallace Chigona, University of Cape Town, South Africa. e-Learning for Development				
09:45	<i>Refreshments</i> <i>Poster contributors stand by their posters for others to discuss the research</i>				
	Room: 218 Stream A - Mini track on Design Thinking for Learning & Teaching in Higher Education Chair - Daniela Gachago, Liza Hitge, Jolanda Morkel and Izak Van Zyl	Room: 219 Stream B - e-Learning Innovations Chair - Debbi Marais	Room: 220 Stream C - Student Centred Learning Chair - Darina Dicheva	Room: 321 Stream D - Social Media and Peer Interaction Chair - Andrew Deacon	Room: AB Stream E - Cognitions Chair - Liz Bacon
10:30	To Blend or not to Blend? UCT Academics' Implementation of Blended Learning during University Shutdowns in 2016 and 2017 Haupt Genevieve, Laura Czerniewicz and Kyle Rother , University of Cape Town, South Africa (Presentation only)	Design of a Low Cost Master Control System for a Training Robot Jirasko Jakub, Josef Formanek and Tomas Keckstein , University of West Bohemia, Czech Republic	Enhancing First-year Students' Digital Content Creation at a South African University Mayisela Tabisa, University of Cape Town, South Africa	Perceptions on the use of Social Media to Facilitate Learning Somers Nihal and Indira Padayachee , University of KwaZulu-Natal, South Africa	'Living Discourse': Critical Pedagogic Coaching for Active Student Learning in Educational Technology Jameson Jill, University of Greenwich, UK
11:00	Designing Pedagogically Integrated Environments: Changing Classroom Practice Using a Teaching Change Frame Tarling Isabel and Dick Ng'ambi , University of Cape Town, South Africa	From Face-to-Face to Online Learning: The Experiences and Perceptions of Non-traditional Students Vancell Joseph, University of Hull, UK	Collaborative e-Design Education Using a Cloud Computing Platform Muramatsu Kazuhiro, Sonam Wangmo and Phub Zam , College of Science and Technology, Royal University of Bhutan, Bhutan	#FeesMustFall: A Reflective Practice Approach to Project-based Learning for Information Technology Students in the Extended Degree Janse van Rensburg Juanita Tertia, North-West University, South Africa	When TAM Just Won't Do Sadeck Osman and Johannes Cronje , Cape Peninsula University of Technology, Cape Town, South Africa
11:30	Designing for Design Thinking: Fostering an e-Learning Champion Mindset Through Academic Staff Development Gachago Daniela, Izak Van Zyl , Liza Hitge , Eunice Ivala and Jolanda Morkel , Cape Peninsula University of Technology, South Africa	Readiness to Adopt the Internet of Things at the University of KwaZulu-Natal Motala Ismaeel and Indira Padayachee , University of KwaZulu-Natal, South Africa	When the First Year Programming Student is Missing in a Student-Centred Module Goosen Leila and Dalize Van Heerden , University of South Africa, South Africa (Presentation Only)	Peer Feedback with Peergrade Kofoed Wind David, Technical University of Denmark, Rasmus Malthe Jørgensen and Simon Lind Hansen , Peergrade, Denmark	Neuroscience and e-Learning: Where is the Ideal Nexus? Kruger Marlena, MindUnique Education, South Africa
12:10	Room: Auditorium Keynote presentation: Prof. Johannes Cronjé, Cape Peninsula University of Technology, South Africa What Pokémon Go taught me about Collectionism in e-learning				
12:55	<i>Lunch</i>				
	Room: 218 Stream A: Using e-Learning for Flexibility Chair - Paula Charbonneau-Gowdy	Room: 219 Stream B - Community Issues Chair - Jonathan Aspeling	Room: 220 Stream C - Culture and Diversity Chair - Priase Zenenga	Room: 321 Stream D - Students needing extra support Chair - Joseph Vancell	Room: AB Stream E - EL Course Materials Chair - Douglas Mpondi
14:00	An Ontology-based e-Learning Assessment System for Online Learners in Higher Learning Institutions Ngwenya Sibangiso, Sikhulumani Bayeza Mangena and Khesani Richard Chilumani , National University of Science and Technology, Zimbabwe	Citizen Science: The Ring to Rule Them All? van der Merwe Ronell and Judy van Biljon , UNISA, South Africa	Diversity among Postgraduate Students Belonging to a South African Community of Scholars Harpur Patricia and Johannes Cronjé , Cape Peninsula University of Technology, South Africa	A Study of Social Skills Intervention for Children with ASD Using Learning Apps Sung Ming-Jiun, Chaoyang University of Technology, Taiwan	Using e-Learning Materials in the Teaching of Basic Mechanisms Keckstein Tomas, Antonin Max and Jakub Jirasko , University of West Bohemia, Pilsen, Czech Republic
14:30	Towards Flexible Learning Through Distance Learning: ND Real Estate Learners' Experiences Gachago Daniela, Barbara Jones and Sarita Edwards , Cape Peninsula University of Technology, South Africa	Developing User-driven Engagement in Public Information Campaigns: Lessons from Practice MacKinnon Lachlan, Liz Bacon , Avgoustinos Filippoupolitis and Adam Klosowski , University of Greenwich, UK	Capital Meets Capabilities: Negotiating Cultural Exclusion in Participatory Culture Noakes Travis, Marion Walton , University of Cape Town and Johannes Cronje , Cape Peninsula University of Technology, South Africa	A Theory-Driven Learning Analytic Models for Detecting Students-at-risk in Higher Education: An Integrated Approach Jongile Sonwabo, Cape and Peninsula University of Technology, South Africa (Presentation only)	Online Multilingual Glossaries in Teaching and Learning: A Feasibility Study Manashe Linda, Boniface Kabaso , Monwabisi Ralarala and Eunice Ivala , Cape Peninsula University of Technology, South Africa (Presentation only)
15:00	Using Open Educational Resources to Support Entrepreneurship Training Konayuma Gabriel, Ministry of Higher Education, Zambia	Training Unashamedly Ethical Accounting Graduates in an e-Learning Environment Reyneke Yolande and Christina C. Shuttleworth , UNISA, South Africa	The Experience of Students with Disabilities at an Open Distance e-Learning Institution Maboe Mothabane Jacobus, Mariki Eloff , Marthie Schoeman and Omotayo Abatan , University of South Africa, Johannesburg, South Africa	Instructional Design for EBEIT Blended Learning Course Materials Reid Rayne and Johan Van Niekerk , Nelson Mandela University, South Africa	
15:35	Room: Auditorium Summary of the Conference: Award to the winner of the Best PhD Paper and Best Poster				
15:45	<i>Close of Conference</i>				

<p style="text-align: center;">Posters will be displayed from Thursday afternoon until lunchtime on Friday</p> <p style="text-align: center;">Poster Presenters will stand by their posters at 9:45 on Friday to present their work to other participants.</p>		
Poster Only	Poster with a WIP Paper	Invited Posters
e-Content Evaluation Process at Mansoura University and steps for Improving development team capacity Ahmed Mohamed, Mansoura University, Egypt	Flipping and Drawing to Enhance Student Engagement and Learning in Dental Anatomy Plastow Katrina and Suzanne Gardner , University of Adelaide, Australia	Instructional Design for Online Learning Osman Sadeck, Cape Peninsula University of Technology, Cape Town, South Africa
Buzzwords, Luddites and Quantum Revolutions: Higher Education Views of Digital Technology Czerniewicz Laura, Rada Moglicci and Sukaina Walji , University of Cape Town, South Africa	Voice Training for Lecturers of Large Classes in Mixed Reality Hohlbaum Kathrin, Valerie Stehling , Max Haberstroh and Ingrid Isenhardt , IMA/ZLW / RWTH Aachen University, Germany	The use of Cognitive Tools by Students Toward Becoming Thinkers and Co-designers of Curriculum Material Belford Cherly, Bronwyn Swartz and Daniela Gachago , Cape Peninsula University of Technology, South Africa
To Blend or not to Blend? Blended Learning During Student Protests. Czerniewicz Laura and Genevieve Haupt , University of Cape Town, South Africa		Why do we need WoWe™? Kruger Marlina , MindUnique Education (Pty) Ltd, South Africa
		Is Using LMS Complying with Higher Education Teaching or is it a real need? Mthethwa Lindiwe, University of Zululand, Richards Bay, South Africa
		Blended Learning to teach English as a Foreign Language Adinda , Dina, University of Strasbourg, France
		Ambient Intelligent Classroom Curmi Gilbert and Matthew Montebello, University of Malta, Malta