

SACLA 2021

50th Annual Conference of the Southern African Computer Lecturers' Association

PROGRAMME* - 15 and 16 JULY 2021 - virtual conference

Online platform coordinators: Duncan Coulter and Deon Cotterrell

THURSDAY 15 JULY 2021

12h00 – 12h10	Welcome: Wai Sze Leung
12h10 – 12h15	Technical coordination: Duncan Coulter
12h15 – 12h30	Conference opening: Prof Ina Wagenaar (Acting Executive Dean: Faculty of Science)
12h30 – 13h00	André Calitz: IITPSA Presentation
Session 1 – Session Chair: Dustin van der Haar	
13h00 – 13h30	Andrew Broekman and Linda Marshall. <i>Minimising Tertiary Inter-Group Connectedness over Successive Rounds</i>
13h30 – 14h00	Pakiso Khomokhoana and Liezel Nel. <i>Mapping the problem-solving strategies of novice programmers to Polya's framework: SWOT analysis as a bottleneck identification</i>
14h00 – 14h30	Daniel le Roux. <i>Ten years in the Trenches of a Doubtful Science: An Autoethnographic Investigation of Five Challenges of Teaching in Information Systems</i>
14h30 – 15h00	JT Janse van Rensburg. <i>Project-based learning guidelines for IT higher education</i>
BREAK 15 MINUTES	
15h15 – 15h45	André Calitz: SACLA 50 Years
15h45 – 16h15	SACLA AGM

FRIDAY 16 JULY 2021	
09h45 – 09h55	Welcome: Duncan Coulter
09h55 – 10h00	Technical coordination: Deon Cotterrell
Session 2 – Session Chair: Likeleli Letsie	
10h00 – 10h30	Mokotsolane Ben Mase and Liezel Nel. <i>Common Code Writing Errors Made by Novice Programmers: Implications for the Teaching of Introductory Programming</i>
10h30 – 11h00	Mampi Lubasi and Lisa Seymour, <i>Understanding the Significance of Enterprise Resource Planning Education in Zambia: A Case of an ERP Short Course at University of Zambia</i>
Session 3 – Session Chair: André Calitz	
11h00 – 11h45	Keynote: Prof von Solms, <i>Computer Science – from then till now and into the future</i>
BREAK 15 MINUTES	
12h00 – 13h30	PANEL DISCUSSION: <i>Embracing the online environment Covid-19 gave us: A few international perspectives</i> PANELLISTS: Dr Riana Steyn - University of Pretoria Ass Professor Therese Keane - (Deputy Chair Depart of Education, Swinburne University) Professor Geoff Dick - (St John's University in New York City) Dr Tanya Linden - (Senior Teaching Fellow at the School of CIS, the University of Melbourne) Dr Andreea Molnar - (Swinburne University of Technology)
BREAK 15 MINUTES	
Session 4 – Session Chair: Marijke Coetzee	
13h45 – 14h15	Geoffrey Dick. <i>Teaching in a Time of Uncertainty – A Practical Guide</i>
14h15 – 14h45	Suné van der Linde and Janet Liebenberg. <i>Utilizing computational thinking in programming to reduce academic dishonesty and promote decolonisation</i>
14h45 – 15h15	Karen Bradshaw and Shannon Milne. <i>Mapping Computational Thinking Skills to the South African High School Mathematics Curriculum</i>
BREAK 15 MINUTES	
15h15 – 15h25	SACLA 2022: Richard Barnett
15h25 – 15h35	Best paper prize
15h35 – 15h45	CCIS proceedings and closing: Marijke Coetzee