

SACLA 2020 Programme

Monday 6 July

09:00	Welcome
09:15	Kudzai Katsidzira and Lisa F Seymour. <i>Factors Impacting Using the Internet for Learning: The Digital Divide in South African Secondary Schools</i>
09:45	Malie Zeeman and Romeo Botes. <i>Influence of external factors on the attitude of students towards Arduino MDBs</i>
10:15	Break
10:45	Marie Hattingh, Komla Pillay and Sunet Eybers. <i>Opening Pandora's Box: An Active Learning Approach to teaching Project Management</i>
11:15	Anchal Garg and Jean-Paul Van Belle. <i>Factors Determining the Intention of Using Online Learning Videos by Students: A Study from Uzbekistan</i>
11:45	End of morning session
	Break
14:00	Keynote: Helen Purchase. <i>Learning from each other – Peer Review and Contributing Pedagogies</i> <i>(Live stream only – a recording will not be available for this talk)</i>
14:45	Alta Van der Merwe, Hanlie Smuts and Aurona Gerber. <i>Data Collection in an Information Systems Design Science Research Project</i>
15:15	Break
15:30	Ingrid Siebörger. <i>The importance of scaffolding when “building” Information Systems specialists</i>
16:00	Jean Greyling and Byron Batteson. <i>The TANKS coding app – using tangible tokens to teach coding without a computer (Discussion paper)</i>
16:30	End of afternoon session

Key

Keynotes
Sponsor Presentations
Full Papers
Short Papers
Discussion Papers

Tuesday 7 July

09:00	IITPSA Presentation
09:30	Andre Calitz, Estelle Taylor and Margaret Cullen. <i>Guidelines for IT Industry Advisory Boards at Higher Education Institutions in Southern Africa</i>
09:50	Jaco Pretorius, Carina de Villiers, Andre Horn and Awie Leonard. <i>Factors supporting quality research output at universities</i>
10:10	Muthoni Masinde. <i>The Role of Continuous Assessment in Improving Student Engagement and Learning Research Methodology: Case of Information Technology</i>
10:30	End of morning session
	Break
14:00	Malibongwe Twani, Andre Calitz and Margaret Cullen. <i>Identifying Relevant Factors for an IT Career Choice Model</i>
14:30	Jacob Greeff and JT Janse van Rensburg. <i>Exploring essential software development skills for the South African job market</i>
15:00	Andre Calitz, Lester Cowley and Sue Petratos. <i>A Proposed Structure for Managing IT Diploma Programmes in South African</i>
15:30	End of afternoon session

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Wednesday 8 July

09:00	Keynote: Charles Young. <i>Student mental health and wellbeing</i>
09:45	James Connan, Dane Brown and Caro Watkins. <i>Using Technology to Teach a New Generation</i>
10:15	Break
10:45	Jecton Anyango and Hussein Suleman. <i>Designing Programming Games for Diversity in Teaching Introductory Programming</i>
11:15	Dane Brown and James Connan. <i>A Robust Portable Environment for First-Year Computer Science Students</i>
11:45	End of morning session
	Break
14:00	Adelade Kusena and Irwin Brown. <i>Skills Requirements for Business Intelligence Professionals: A Content Analysis of Job Advertisements in South Africa</i>
14:30	Sunet Eybers and Cladia de Carvalho. <i>A Systematic Literature Review of Data Governance Frameworks for Big Data implementations</i>
15:00	Thomas van der Merwe and Ambrose Azeta. <i>Exploring the Impact of ICT Use Patterns on Postgraduate Student Academic Achievement in a Developing Country</i>
15:30	End of afternoon session

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Thursday 9 July

09:00	Kelvin Meyer and Hussein Suleman. <i>Answering Student Programming Questions using Domain-specific Search</i>
09:20	Vuyolwethu Mdunyelwa, Lynn Futcher and Johan van Niekerk. <i>A Framework for Teaching Secure Coding Practice</i>
09:40	Break
10:00	Pearson Presentation
10:30	Lynn Futcher, Kerry-Lynn Thomson and Apelele Mbuqe. <i>A Cybersecurity Curricular Framework for IT Undergraduates in South Africa</i>
11:00	Nandipha Dilla and Marita Turpin. <i>Teaching Problem Solving to Undergraduate STEM Students: a Systematic Literature Review</i>
11:30	End of morning session
	Break
14:00	Olaperi Okuboyejo, Sigrid Ewert and Ian Sanders. <i>Goofs in the Class: Students' Errors and Misconceptions when Learning Regular Expressions</i>
14:30	Adriana A Steyn, Dané Coetzee, Marissa de Villiers and Adriana Botha. <i>Interactive Learning: introducing a first-year systems' analysis and design course</i>
15:00	Nobert Jere, Nosipho Mavuso and Samelisiwe Jacob. <i>Evaluation of Visually Impaired Students' Perceptions on Using a Learning Management System (WiseUp) at Walter Sisulu University</i>
15:30	Closing: Best paper announcement, Chairperson's report, SACLA 2021 organising committee
16:30	End of conference

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