

SACLA/CSERC 2016 Programme



5 July 2016 Session 1

Session	Start	End	Event	Author(s)	Title
	13:00	13:20	<i>Opening</i>		
Session 1.1 <i>Session chair:</i> Stefan Gruner	13:20	14:20	Invited Talk	Martin Olivier	On the Morality of Teaching Students IT Crime Skills
	14:20	14:40	CSERC	Roelien Goede	Listening to the affected: Student views after starting a 4th year module in Data Warehousing
	14:40	15:00	SACLA	Delia Kench, Scott Hazelhurst, Femi Otulaja	Grit and growth mindset among high school students in a computer programming project: A mixed methods study
	15:00	15:20	<i>Tea break</i>		
Session 1.2 <i>Session chair:</i> Carina de Villiers	15:20	15:40	SACLA	Ken Halland	Assessing Programming by Written Examinations
	15:40	16:00	SACLA	Fritz Solms, Vreda Pieterse	Towards a Generic DSL for Automated Marking Systems
	16:00	16:20	SACLA	Melisa Koorsse, Andre Calitz, Jaco Zietsman	Criteria for Evaluating Automated Grading Systems to Assess Microsoft Office Skills
	16:20	16:40	SACLA	Melisa Koorsse, Andre Calitz, Marinda Taljaard	A Comparison of E-Assessment Assignment Submission Processes in Introductory Computing Courses
	16:40	17:00	SACLA	Mosiuoa Tsietsi	A Case Study in the use of the Five Step Peer Evaluation Strategy to Improve a First Year Computer Literacy Course

6 July 2016 Session 2

Session	Start	End	Event	Author(s)	Title
Session 2.1	08:20	09:20	Invited Talk	Bob Travica	Teaching Informatics in North America: Jugglers Wanted
<i>Session chair:</i> Jan Kroeze	09:20	09:40	CSERC	Phatludi Modiba, Vreda Pieterse, Bertram Haskins	Evaluating plagiarism detection software for introductory programming assignments
	09:40	10:00	SACLA	Linda Marshall, Jan Eloff	Towards an Interdisciplinary Masters' Degree Programme in Data Science - A South African Perspective
	10:00	10:20	SACLA	Greg Foster, Jane Nash	Introducing Health Informatics as an Elective Module in an Information Systems Honours degree: Experiences from Rhodes University
	10:20	10:40	<i>Tea break</i>		
Session 2.2	10:40	11:00	CSERC	Vincent Horner, Patricia Gouws	E-tutoring Support for Undergraduate Students Learning Computer Programming at the University of South Africa
<i>Session chair:</i> Marko van Eekelen	11:00	11:20	CSERC	Janet Liebenberg, Vreda Pieterse	Career Goals of Software Development Professionals and Software Development Students
	11:20	11:40	SACLA	Fani Radebe, Liesel Nel	Effective integration of a mobile phone-based student response system to enhance student engagement in an undergraduate Computer Science classroom
	11:40	12:00	SACLA	Mark Durrheim, Abejide Ade- Ibijola, Sigrid Ewert	Code Pathfinder: A Stepwise Programming E-Tutor Using Plan Mirroring
	12:00	13:00	<i>Lunch</i>		

6 July 2016 Session 3

Session	Start	End	Event	Author(s)	Title
	13:00	14:00	AGM		
Session 3.1	14:00	14:20	CSERC	Dave Stikkolorum, Michel Chaudron	A Workshop for Integrating UML Modelling and Agile Development in the Classroom
<i>Session chair:</i> George Wells	14:20	14:40	SACLA	Vreda Pieterse, Marko van Eekelen	Soft skills may be hard for software developers
	14:40	15:00	SACLA	Andre Calitz, Jean Greyling, Arthur Glum	CS and IS Alumni Post-Graduate Course and Supervision Perceptions
	15:00	15:20	Tea break		
Session 3.2	15:20	15:40	SACLA	Khadija Mahanga, Lisa Seymour	Enterprise Resource Planning (ERP) teaching Challenges faced by Lecturers in African Higher Education Institutions (HEIs)
<i>Session chair:</i> Andre Calitz	15:40	16:00	SACLA	Hussein Suleman	Flipping Computer Architecture
	16:00	16:20	SACLA	Serena Coetzee, Victoria Rautenbach	Reflections on a community-based service learning approach in a geoinformatics project module
	16:20	16:40	SACLA	Philip Machanick	Teaching Operating Systems: Just enough abstraction
	16:40	17:00	Closing		

Posters

Posters will be available throughout the conference.

Author(s)	Title
Ruth Wario, Bonface Ileri	An Evaluation of Perceived ease of use, Engagement and Learning using iPad in Rural South African University
Leila Goosen	Achieving Brilliance in ICT Education