ACADEMY OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING

SNIPPETS 2022

ESKOM SCIENCE EXPO

Storm Rhode, a Eskom Science Expo finalist that Prof Leung helped mentor was awarded a R500 000.00 Social Innovation Award from SAB for his Pneumonia Diagnostic Suite.
Prof Leung and Mr Lebea served as judges for the Eskom Science Expo and International Science Fair, judging a number of learner projects in the Computer Science category.

TEACHING COMMITTEE

Prof Leung was part of the Teaching Advancement at Universities committee, lending her technical expertise to successfully host a hybrid conference in Cape Town from 23-26 January 2022.
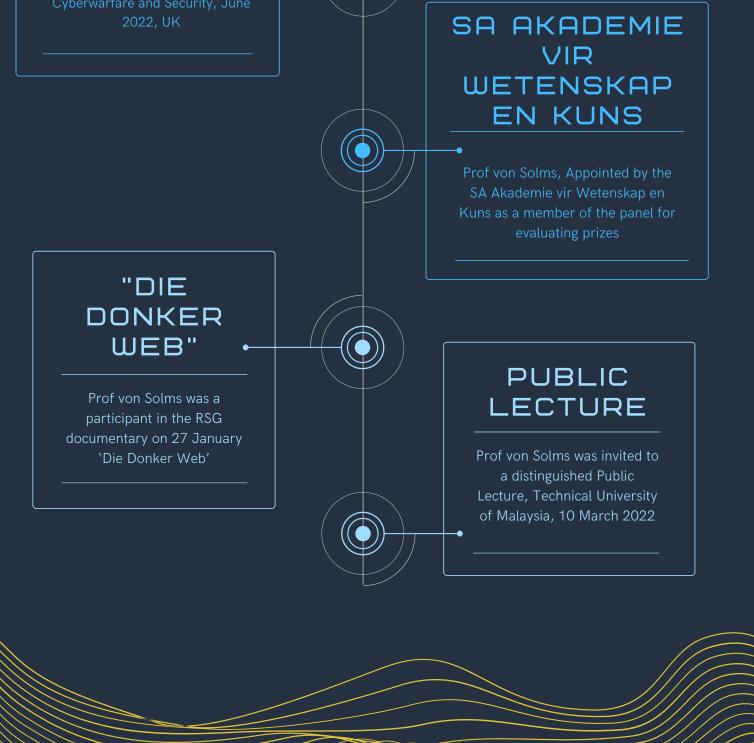
SC21

The ACSSE UJ team (mentored by Pro van der Haar) partipated and placed third at the international SC21 data science datathon competition.

NVIDIA & SAYAS

Prof van der Haar was awarded the first South African NVIDIA Deep Learning Institute (DLI) University Ambassadorship
• Prof van der Haar was elected to be part of the South African Young Academy of Sciences (SAYAS) Executive Committee

EUROPEAN CONFERENCE

Prof von Solms, co-authored 5 papers that are accepted for the European Conference on Cyberwarfare and Security, June 2022, UK

SA AKADEMIE VIR WETENSKAP EN KUNS

Prof von Solms, Appointed by the SA Akademie vir Wetenskap en Kuns as a member of the panel for evaluating prizes

"DIE DONKER WEB"

Prof von Solms was a participant in the RSG documentary on 27 January 'Die Donker Web'

PUBLIC LECTURE

Prof von Solms was invited to a distinguished Public Lecture, Technical University of Malaysia, 10 March 2022

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PRESENTATION & PROJECT

Prof von Solms was invited to a distinguished Public Lecture, Technical University of Malaysia, 10 March 2022.
Prof von Solms co-authored papers presented at the 21 st European Conference on Cybersecurity Warfare and Security, Chester, UK, June 2022
Prof von Solms was appointed as a project Leader at European Union project for the SAPS

BEST PHD PAPER

Ms Thenjiwe Sithole, a student of Dr du Toit and Prof von Solms, won best PhD paper at the 2022 European Conference Cybersecurity and Cyber Warfare.

WINTER SCHOOL

UJ ACSSE's winter school in Information Technology, organised by Prof Coetzee, was presented online in June. More than 700 learners from across South Africa are registered to attend the winter school.

CYBER WARFARE CONFERENCE

Ms Bhaiyat, a former CIIP student of Mr Sithungu presented a paper at the 21st European Conference on Cyber Warfare and Security that took place on 16 - 17 June 2022 in Chester, UK.
• Ms Bhaiyat, a former CIIP student of Mr Sithungu presented a paper virtually at the 17th International Conference on Cyber Warfare and Security that took place on 17 - 18 March 2022 in State University of New York at Albany, USA.

CHAI FM

Prof Leung was on Chai.FM several times from January to June, to comment on a number of IT-related issues such as cyber security, algorithms, and remote working.

TEACHING INNOVATION

Staff from the Faculty of Science have published in the Teaching Innovation for the 21st Century: Showcasing UJ Teaching and Learning 2021.
Prof Leung (ACSSE)

RESEARCH GRANT

Prof van der Haar (ACSSE) received a research grant worth 3 million from URC

ML BIAS IPATC

Mr Sithungu (ACSSE) presented at The Summer Institutes in Computational Social Science (SICSS) sponsored by the Johannesburg Institute for Advanced Study (JIAS) and The Institute for Pan-African Thought and Conversation (IPATC) on 7 July 2022. The title of his talk was "Machine Learning Bias and Why We Need More African Datasets."

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SNIPPETS 2022

CYBER SECURITY, SAPS

Prof von Solms (ACSSE) during the month of August, was invited to a plenary presentation at the PURCO Annual conference, Johannesburg. He gave a presentation to Senior SAPS members on the EU-SAPS project done by the UJ Centre for Cyber Security. Prof von Solms was invited to present at the Public Sector Cybersecurity Summit.

JAPANESE DELEGATION

The ACSSE hosted a delegation from the Japanese Ministry of the Economy.

ESKOM EXPO

Prof Leung and Mr Lebea (ACSSE) served as judges for the Eskom Science Expo for Scientists regional finals hosted by the University of Pretoria on 13 August 2022.

COMMUNITY ENGAGEMENT

The UJ Metropolitan Academy visited the APK camoys and Dr Du Toit (ACSSE) demonstrated how a moisture sensor works as an example of the Internet of Things (IoT) device.

NATIONAL SCIENCE WEEK

The Soweto Science Centre participated in the National Science Week 2022. The educational events and activities were hosted at Sci-Bono Discovery Centre. Dr Van der Westhuizen, Dr Ogwok and Mr Moodley participated.

HACKATHON

Mr Moodley's (ACSSE) third-year team was 1 of 50 teams selected to present at the Discovery Hackathon 2022.

MASTERS RESEARCH

Mr Maphisa (ACSSE), a master's student of Prof Coulter presented a paper on 5-7 September 2022 at IDSTA, Texas.

MOSHAL PROGRAMME

Mr IC Legong and Mr P Magodi, (ACSSE) received certificates acknowledging them for their 2021 Academic performance at the Moshal Programme Event on 3 September 2022 at Birchwood Hotel.