



SAUPEC
Southern African Universities Power Engineering Conference

26th Southern African Universities Power Engineering Conference

24 -26 January 2018

Hosted by the University of the Witwatersrand, Johannesburg, South Africa



ANNOUNCEMENT AND CALL FOR PAPERS

It is with great pleasure that we announce the 26th Southern African Universities Power Engineering Conference (SAUPEC 2018). This flagship Southern Africa regional conference will be hosted by the School of Electrical and Information Engineering of the University of the Witwatersrand in conjunction with the South African Institute of Electrical Engineers (SAIEE). SAUPEC brings together academics and students in electrical engineering from the region to present research papers, network and expand the fraternity that has been built as part of the SAUPEC legacy since the first conference in 1990. The conference will incorporate the Eskom Tertiary Education Support Programme (TESP) report-back meeting.

CONFERENCE THEME

Power & energy in the context of The Internet of Things; the 4th Industrial Revolution

TECHNICAL TOPICS

Including, but not limited to:

- Power Generation
- Transmission, Distribution and Reticulation Networks
- Protection and System Automation
- Quality of Supply, Reliability and Condition Monitoring
- High Voltage Engineering
- Load Modelling and Demand Side Management
- Energy Management and Energy Efficiency
- Electrical Machines and Drives
- Power Electronics
- Renewable Energy
- Distributed and Embedded Generation
- Smart Grids and Microgrids
- Electromagnetic Compatibility (EMC) and Electromagnetic Interference (EMI)
- Energy Economics and Tariffs
- Power Engineering Education

PAPER FORMAT

Prospective authors are invited to submit high-quality papers in the above research fields. Papers, with maximum length of six pages, are to be prepared in accordance with the SAUPEC format available on the conference website.

REVIEW POLICY

Full papers submitted in the period 15 October to 1 November are guaranteed of peer review. Those received between 1 and 15 November are not guaranteed of peer review. Papers received after 15 November will not be peer reviewed but may be considered as discussion articles. Papers accepted by the review panel will be published in the conference proceedings. Papers not accepted by the review panel may be presented as posters, but will not be included in the proceedings. All papers will be checked for plagiarism and screened accordingly. The full review policy is available on the conference website.

CONFERENCE PROGRAM

The Eskom Tertiary Education Support Programme (TESP) report back meeting and SAUPEC plenary session are scheduled for 24 January 2018. The full conference programme will be made available on the conference website.

ORGANISING COMMITTEE

- **General chair:** Prof. Willie Cronje (willie.cronje@wits.ac.za)
- **Technical chair** (Review panel, presentation program and proceedings): Prof. Cuthbert Nyamupangedengu (Cuthbert.Nyamupangedengu@wits.ac.za)
- **Conference secretariat:** Mrs. Gerda Geyer (geyerg@saiee.org.za)

VENUE

University of the Witwatersrand, Braamfontein, Johannesburg, Wits, 2050.

REGISTRATION

The registration fee includes the following:

- Conference kit, including a conference bag, conference program and conference proceedings in electronic format.
- Tea/coffee & refreshments at registration sessions, mid-morning and mid-afternoon breaks.
- Buffet lunch, meet & greet function and conference banquet.

The registration form will be made available on the conference website.

ACCOMMODATION

A list of alternative hotels and guest houses in the vicinity of the conference venue will be made available on the conference website.

IMPORTANT DATES

15 October 2017: Paper submission opens.

1 November 2017: Papers for peer review submission deadline.

15 November 2017: Discussion paper submission deadline.

15 December 2017: Peer reviewed papers final version submission deadline.

15 December 2017: Registration fees due.

WEBSITE

The website will be made available shortly.

