



#### ANNOUNCEMENT AND CALL FOR PAPERS

It is with great pleasure that we announce the 26<sup>th</sup> 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.

#### 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 30 November** are guaranteed of peer review. Best papers will be submitted to be reviewed for possible publication in a special issue of the SAIEE Africa Research Journal. **Papers received between 1 and 15 December are not guaranteed of peer review, they will be accepted as discussion papers.** 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

A provisional conference programme is now available on the conference website. There will be a workshop on Systems Engineering run by the Transnet Center for System Engineering; and this will run in parallel with the Eskom Tertiary Education Support Programme (TESP) report back meeting on 24 January 2018.

#### ORGANISING COMMITTEE

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

**30 November 2017:** Papers for peer review submission deadline.

**15 December 2017:** Discussion paper submission deadline.

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

**15 December 2017:** Registration fees due.

**CONFERENCE WEBSITE:** [www.saupec.org](http://www.saupec.org)