

SAIIE

Southern African Institute for
Industrial Engineering

News

Volume 2 – March 2018

In this issue:

- SAIIE & SAIIE Student News
- SAIIE Council News
- SAIIE and other Events
- Articles
- Job Vacancies
- Contact Us



SAIIE & SAIIE Student News

As 2018 is steam rolling into March we think of the words of Michael Altshuler, *"The bad news is time flies. The good news is you're the pilot."* We start this newsletter with even more good news.



Congratulations to Prof Liezl van Dyk who was appointed as the new Executive Dean of Engineering at North West University. Prof van Dyk was Co-Chair: SAIIE27 Organising Committee during 2016, Chair: SAIIE28 programme committee during 2017 and a finalist for the 2017 *SAIIE Award for Outstanding Industrial Engineering Researcher*. Well done Liezl, and all the best with this new challenge.

Congratulations also to Prof Corné Schutte, who has won the Lecturer of the Year Award given by the Stellenbosch University, Engineering Faculty for the Lecturer who fulfills the following criteria:

- Great Teaching,
- A formative influence on the Faculty's Students,
- A contribution to the development of the Faculty's programmes and/or laboratories, and
- The development of the Faculty in other respects.



Prof Schutte is a past president of SAIIE and still active as a Director of SAIIE and Editor of the South African Journal of Industrial Engineering (SAJIE). He was also a finalist for the 2017 *Kris Adendorff Award for Most Prominent IE Professional*. Well done Corné, keep up the good work.

The 2017/2018 membership year is also steam rolling to an end and it is that time of the year where we have to announce the approved membership fees for 2018/2019:

STATUS	2018/2019 SAIIE FEE (excluding VAT) FOR MEMBERS PROFESSIONALLY REGISTERED WITH ECSA (excluding registration as a Candidate)	2018/2019 SAIIE FEE (excluding VAT) FOR MEMBERS NOT PROFESSIONALLY REGISTERED WITH ECSA
FSAIIE	R850	R1 350
MSAIIE	R700	R1 200
AMSAIIE	R1 110	R1 110
StMSAIIE	R260	R260
StMSAIIE (Belonging to a registered SAIIE Student Branch)	R90	R90
Retired Members	R260	R260
SPECIAL: Upgrade from StMSAIIE to AMSAIIE	R680	R680

By law, SAIIE is required to register for Value Added Tax (VAT) as from 1 April 2018. Members should thus take note that the above fees do not include VAT. SAIIE members whose membership fee is not paid by their companies/employers are more than welcome to pay their 2018/2019 in four instalments to assist with reducing their financial burden.

SAIIE members who are registered as professional engineers, - technologists and - technicians with ECSA will be happy to take note that you will receive even more discount for the 2018/2019 membership year than any other year before. We hope that this will inspire our members who are not yet ECSA registered professionals to register soon. Read more about our 'Road to Registration' in this newsletter.

Members who have not paid their annual membership fees for 2017/2018 are kindly reminded to do so before or not later than 31 March 2018. Membership of those members, whose membership fees are still outstanding by 1 April 2018, will unfortunately be deactivated. Good news for our new members who joined SAIIE during 2018; your membership fees invoiced will be carried over to the 2018/2019 membership year. During April 2018, you will receive an invoice for only the small increase in membership fees and not for the total amount. Annual membership fees invoices for 2018/2019 will be e-mailed to all other members during April 2018.

With our member management portal, you can check your account history including your invoice that was issued to you, edit your personal details and see your electronic membership certificate by navigating to www.saiie.co.za. Login with your membership number or your e-mail address and password. If you have lost your password, just add your username and click on "forgot password" and within minutes you will receive a new password. With this system, you will be able to pay your membership fees via PayFast or you are still welcome to make use of an EFT payment.

[Click here](#) for more information on how to upgrade your SAIIE membership status. More good news is that Student Members (StMSAIIE) who have completed their studies and wish to upgrade to Associate Membership (AMSAIIE) only pay an amount of R680 for the first year of their Associate Membership.

SAIIE Council News



The **SAIIE Annual General Meeting** is scheduled for Tuesday, **13 March 2018**, at 17:30 for 18:00 at Saint-Gobain, N1 Business Park, Centurion. Please [click here](#) for the agenda, minutes of the AGM held 28 March 2017 and nomination to serve as Council Member.

SAIIE and other Events

At this critical transition and integration of technology, industry and society, Industrial Engineering professionals are intrinsically positioned to play a critical role in determining the 'North Star' of the 4th Industrial Revolution. Setting a course, being a strategic guide towards the optimal impact of the potential benefits as we enter the 'interesting times' that lay before us.

It is with great excitement that SAIIE invites you on a journey of



We cordially invite our IE professionals to the **29th Annual Conference of the Southern African Institute for Industrial Engineering**, the premier conference of industrial engineering and related disciplines on the African continent. The conference gives industry, organisations, academics, and government the opportunity to showcase cutting edge practice and research. Delegates will benefit from networking opportunities to exchange ideas, to gain insight from peers and to engage with the most up to date thinking in industrial engineering. Besides these personal growth opportunities, delegates will earn CPD points for attending the conference. Peer-reviewed papers will be published in the conference proceedings, earning publication credits. The best papers will be reviewed and published as full journal papers in a special edition of the ISI-listed South African Journal of Industrial Engineering, without further editing required.

Abstract submission

Abstracts are invited for both the FULL PAPER and ABSTRACTS ONLY (presentation brief/case study brief) tracks. Academic and Industry submissions are encouraged for both tracks. Once the abstracts have been accepted, you have the option to submit a full paper. All papers will be subjected to a double-blind peer review process in accordance with the requirements of the Department of Higher Education and Training.

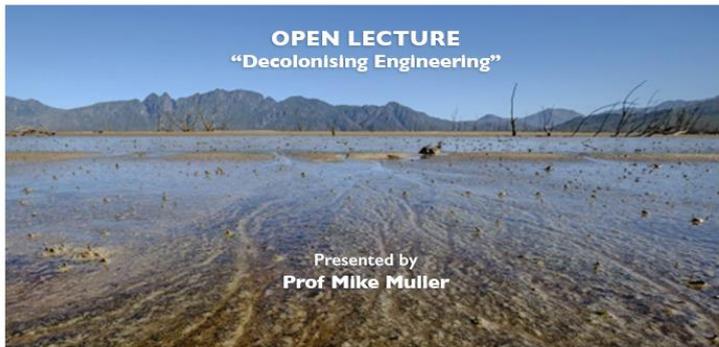
Please [click here](http://conferences.sun.ac.za/index.php/saiie29/) for the Call for Papers. All abstracts should be submitted electronically on the following website: <http://conferences.sun.ac.za/index.php/saiie29/>

Target Dates

Conference registrations open	1 April 2018
Abstracts submission deadline (for full paper track)	15 March 2018
Full Paper submission	18 June 2018
Final camera-ready papers	15 September 2018
Abstracts submission deadline (for abstract-only track)	15 September 2018

We are looking forward to welcoming you at the SAIIE29 Conference at Spier, Stellenbosch!

Other Events:



The South African Academy of Engineering is inviting you to an Open Lecture, presented by Prof Mike Muller, on Decolonising Engineering on **14 March 2018** from 17:30 for 18:00 at the Donald Gordon Auditorium, School of Governance, Wits Parktown Management Campus, 2 St David's Place, Parktown, Johannesburg

Over the next decade, Gauteng could experience a water crisis far worse than that currently afflicting Cape Town. Nelson Mandela Bay is already in the grip of supply restrictions and Ethekewini is also at risk. In all cases, there are ways to avoid allowing risks to turn into crises. But, too often, sound technical advice is ignored. Why is that? We need to ask: What does society want from engineers and the engineering and related technical professions? Do we want skilled professionals who will give sound advice and ensure effective delivery of excellent projects? Leaders who will transform their organisations and society? Can we have the whole package? Or do we first need to decolonise the professions and what would that mean? This lecture will provide some perspectives, through the lens of water, on the challenges that engineers and all technical professions face in a 21st century non-racist, non-sexist, democratic South Africa.

This lecture is open to the public, and will be followed by light refreshments (courtesy of the South African Academy of Engineering - SAAE). Please RSVP for catering purposes to Ms Heleen Duffey by 11 March 2018: office@saae.co.za. Please see the map for the location of the [Donald Gordon Auditorium](#)



Content and Network for Decision Makers in the Transport Sector

A Special Transport Forum SIG hosted by MEC Vadi in Midrand is scheduled to be held on Thursday, **15 March 2018** - "The 4th Industrial Revolution and Mobility & Launch of the Gauteng Multi-Functional App". For more information and to register please [click here](#).

SAAMA cordially invites international and national asset management professionals to the 2018 Annual Conference of the Southern African Asset Management Association. The conference aims to explore Smarter approaches to enterprise asset management. [Click here](#) for more information and to register.

SAVE THE DATE
4-6 June 2018

SAAMA2018
Smarter approaches in asset management

4-6 JUNE | NH The Lord Charles Somerset West

pragma
Diamond Sponsor

SAAMA
CONFERENCE

The banner features a red arrow pointing right, containing the 'SAVE THE DATE' text. The background shows a close-up of a mechanical gear or part of a machine. The SAAMA logo is in the bottom right corner, and the Pragma logo is in the top right corner.



Africa's longest running and most successful railways event now enters its 21st successful year and has grown to become Africa's most important and best supported railways conference and exhibition. It is an unrivalled platform for the continent's railways industry to come together, to learn, to network and to do business. This event is scheduled for 12 – 13 June 2018 at the Sandton Convention Centre, Johannesburg. Please [click here](#) for more information and to register.

Lean Analytics Meetup:

These Meet-up groups welcome anybody with an interest, or expertise, in Operations Research, Statistics, Data Mining, Computer Science, or related disciplines. These events are a forum for people to network and share expertise or passion (or even struggles) related to any of these fields, be it quality improvement, cost reduction, analytical insights, process optimisation, etc.

The format is based on a lightweight meeting structure called Lean Coffee (<http://leancoffee.org>), which requires no formal preparation by participants. We simply discuss the issues raised by those attending. So, bring your topics and join us, whether you are professional, a student, or simply curious about the science of making things better. You will also hear about upcoming national and chapter ORSSA and SAIE events, as well as feedback on topics being raised by similar meet-ups held in other chapters.

These meet-ups are held every second Wednesday morning and all the details of the venue and time are available on the Meet-up page. Kindly follow the link for the Meetup in your area below.

Pretoria Meetup: <http://www.meetup.com/Lean-Analytics-ORSSA-PTA/>

Johannesburg Meetup: <http://www.meetup.com/Lean-Analytics-ORSSA-JHB/>

Stellenbosch Meetup: <http://www.meetup.com/Lean-Analytics-ORSSA-STB/>

The following courses/conferences have been accredited for CPD credits through SAIE for 2018:

- Plant Simulation Basics, Methods and Strategies, 5 CPD credits, contact ESTEQ Engineering at 012 809 9500.
- Power of Process Champion Course, 4 CPD credits, contact LTS Consulting Pty. Ltd at 021 913 8959.
- 5th Annual SAAMA Conference, 3 CPD credits, visit <http://saama.org.za/> for more information and to register.

Road to Registration Courses scheduled for 2018:

Kick-start your career and work towards being registered with ECSA. Being registered allows you to:



- Demonstrate your competence
- Gain recognition as a professional
- Earn more
- Boost your career prospects
- Work independently
- Add the designation Pr Eng, Pr Techn Eng or Pr Techni to your name

Please [click here](#) for the various public **Road to Registration** courses scheduled by Candidate Academy. SAIE is prepared to arrange with a mentor to assist you with any discipline-related questions. Kindly notify the SAIE Administrator at lynette.pieterse@up.ac.za if you have booked for any of these courses.

Articles

NSTF eNewsletter - The water crisis, sustainable energy discussion forum, and more - To read click [here](#).

In Innovation Excellence, Rohit Talwar looks at *10 Ways Higher Education Could Be Transformed to Support the Needs of a Changing World*. He writes: "Is there a future for higher education? There is probably no other industry or social institution quite as invested in the future than education, yet its struggles with self-reinvention manifest as a ticking time bomb, putting the future of both the institutions and wider society at risk." [Read on.](#)

In his article *5 Questions to Ask Whenever You Feel Like Giving Up*, Tom Koulopoulos writes: "As entrepreneurs we believe in our ability to build the future more than anyone else possibly could. In our mind there is never any doubt that what we are creating is needed by the world. That's why we will risk our fortunes, homes, even our relationships to achieve our goals." [Read on.](#)

Job Vacancies



A well-known university has a vacancy for a Senior Lecturer. Please navigate to www.saiie.co.za, login with your username and password, go to "Job Vacancies" for more information and submit your CV.

Industries who would like to advertise job vacancies, their products/services or events on the SAIE web page are asked to register at <http://industry.saiie.co.za/>. Do not hesitate to contact SAIE Administrator for more information on this.

While we are still contemplating time, let us not forget the beautiful words of Ernest Agyemang Yeboah –

"Time is the pivot of life activities. When you miss a second, you miss a time in your lifetime! Time is undoubtedly the greatest asset one can ever acquire. The ultimate and real time is in the mind. Time is thought and thought is time. To mind your time, mind your thought! To mind your life, mind your time!"

Until again!

Contact Us

SAIE and SAJIE Administrator

Southern African Institute for Industrial Engineering

Postal Address: P O Box 96002, Waterkloof, 0145

Tel: +27(0)12 420 6478; Fax: +27(0)86 6975 976

E-Mail: Go to www.saiie.co.za and click on "Contact Us" or lynette.pieterse@up.ac.za

Website: www.saiie.co.za