

SAIIE

Southern African Institute for
Industrial Engineering

News

Volume 5 – June 2020

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SOUTHERN AFRICAN INSTITUTE FOR
**INDUSTRIAL
ENGINEERING**

SAIIE News

“In many ways, it is hard for modern people living in First World countries to conceive of a pandemic sweeping around the world and killing millions of people, and it is even harder to believe that something as common as influenza could cause such widespread illness and death.”

— Charles River Editors, *The 1918 Spanish Flu Pandemic: The History and Legacy of the World’s Deadliest Influenza Outbreak*

Just over a century ago, the “Spanish Flu Pandemic” had spread over the world and killed millions. We are now living in similar uncertain times, where a pandemic is sweeping around the world, threatening millions, not only their health, but also economic livelihoods. South Africa is in a lock down, and most researchers and academics are working from home.



However, there are a few positive aspects:

- We are all forced to be a lot more innovative, rescuing our businesses, or delivering the services we are supposed to deliver in different ways. An industrial engineering mindset is a valuable attribute in these times.
- Most of us had learnt to operate in a virtual on-line world. We had learnt new skills and had set new standards. When all returns to “normal” one day, it will be a different kind of normal, where more of us will be working more hours from home.
- We had been forced to learn and optimise personal time management, and we could spend more time as families together, balancing these with our work responsibilities.
- The environment had benefitted with the lesser human activities, and in many areas, wildlife are re-appearing, blue skies are again visible, and the stars shine brighter!

Despite the uncertain times, the SAJIE Vol 31 no 1 (May 2020 edition) contains 13 articles, of which 6 are from international authors outside South Africa. [Click to read.](#)

As we went to press with the final edition in 2019 in December, I received the sad news that our founding editor, Prof Paul Kruger, had passed away. This edition therefore contains an Obituary, honouring him in his role, not only as editor but also as well-known professor in the field of Industrial Engineering, author of several articles in this journal and a loved mentor for many of us, myself included.

Corné Schutte
Editor: SAJIE

SAIIE Student News



Want to give back to the IE student community?

SAIIE is embarking on a mentorship programme to assist SAIIE Student Members currently studying towards an industrial engineering qualification. Should you be interested to mentor a student(s), please notify the SAIIE Administrator, Lynette at admin@saiie.co.za.

Congratulations to the following SAIE Student Award winners from the University of South Africa (UNISA):



Monique Truter (left) who received the **SAIE Student Award for the Best BTech IE Student** for 2019



Aneesa Mulla (right) who received the **SAIE Student Award for the Best Final Year NDip IE Student** for 2019

Put your Student Chapter on the map by sharing your events!

SAIE is looking forward to receiving news from all the Student Chapters as soon as everything settles to normal again. Please forward your Student Chapters news or events (don't forget all those gorgeous pics and selfies) to Lynette at admin@saiie.co.za.

SAIE Council News

Annual membership fee invoices were sent via e-mail early May. With our member management portal, you can check your account history including invoices issued to you, edit your personal details and see your electronic membership certificate by navigating to www.saiie.co.za. Log in 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.



Members whose fees are not paid by their employers are reminded that they are more than welcome to pay their annual membership fee in 4 - 6 instalments. Kindly take note though that your membership certificate will only be issued upon receipt of the full outstanding amount.

[Click here](#) for more information on how to upgrade your SAIE membership status. **More good news** is that Student Members (StMSAIE) who have completed their studies and wish to upgrade to Associate Membership (AMSAIE) pay only a discounted fee for the first year of their Associate Membership.

SAIIE and other Events



Come and join the SAIIE31 community to share and develop experience, wisdom, and ideas to solve the challenges of our future. Abstract and presentation only track closes on 1 August 2020

Amidst these uncertain times, SAIIE is committed to this conference and are considering a variety of ways to ensure it happens in some form or another.

IMPORTANT SUBMISSION DATES

Full paper deadline	15 June 2020
Final camera-ready papers	1 September 2020
Abstracts for presentation only track	1 August 2020

IMPORTANT DELEGATE REGISTRATION DEADLINES

Registration opened 1 April

Presenter registration	1 April to 15 September 2020
Early bird registration	1 April to 31 July 2020
Standard registration	1 August to 15 September 2020
Late registration	16 September to 1 October 2020

CONFERENCE FEES

SAIIE-member rates	Early bird registration	R 7 000
	Standard registration	R 7 700
	Late registration	R 8 700
Non SAIIE-member rates	Early bird registration	R 8 000
	Standard registration	R 8 700
	Late registration	R 9 700
Presenters*	Standard registration	R 7 000
	Additional papers	R 3 500
	SAIIE student members	
Daily rate		R 4 000
Optional Industry tour on 8 October		R 1 000

**Presenting authors may present a maximum of two papers. An additional paper fee will be charged for every additional paper that is presented.*

Upload abstracts & papers: <http://conferences.sun.ac.za/index.php/saie31>

For more information visit our website <http://www.conference.saiie.co.za/> or email conference@saiie.co.za

Other events:



If you are a contributor to Computers & Industrial Engineering, An International Journal, you might be interested in attending the Golden Anniversary for the International Conference on Computers & Industrial Engineering (CIE 50), to be held at E-JUST, Alexandria, Egypt during **25-28 October 2020**. Please check the conference website, <https://ejust.edu.eg/cie50>, which displays the Call for Papers and information for submission and registration.

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

- **Introduction to Simulation Technology**, 2 CPD credits, contact Simulation Engineering Technologies at 012 665 0803
- **Man / Machine / Method on-line conference**, 0.5 CPD credits, contact Jessica Murray at 084 025 7232 or jess.southey@gmail.com or navigate to www.cpdninja.thinkific.com for more information.

Road to Registration Courses scheduled for 2020:



Kick-start your career and work towards becoming registered with ECOSA. 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 admin@saie.co.za if you have booked for any of these courses.

Articles



Rwanda is Building Africa's Very Own Silicon Valley — Known as Kigali Innovation City (KIC)... [Click here](#) to read this incredible and powerful article.

Tshildzi Marwala wrote on 28 May 2020 in his article *Covid-19 has forced us into the fast lane of the 4IR super-highway*: "Amid the global Covid-19 pandemic that has seen entire countries locked down, we can no longer dismiss the Fourth Industrial Revolution as mere rhetoric. Keeping economies functioning while curbing the spread of the virus has hastened the shift towards the 4IR." [Read on.](#)

BusinessTech writes in the article *South Africa partners with NASA to host a 'deep-space ground station' – which will support missions to Mars* published on 28 May 2020: "Cabinet has approved a partnership between the South African National Space Agency (SANSA) and National Aeronautics and Space Administration (NASA) to host a Deep Space Ground Station.

The station, which will be based in Matjiesfontein in the Western Cape, will support human spaceflight missions to the Moon, Mars and beyond, it said in a statement on Thursday (28 May)." [Read on.](#)

NSTF May 2020 e-Newsletter: The doors of learning, Awards nominees announced, & more... [Click to read.](#)

Job Vacancies



Companies and Organizations 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.

In a continuing effort to increase the value that SAIE provides to the Industrial Engineering community, we would like to invite all Industrial Engineering employers who provide In-Service Training for students required to complete their P1 & P2 in pursuit of an N.Dip qualification to post these positions on the SAIE Job Vacancy Listing module on our website, **free of charge!** Please also contact the SAIE Administrator for more information on this.

Testimonial from DSV:

"DSV would like to extend our sincerest thanks for the use of your online job posting portal and the continuous communication to your membership footprint. Through the portal advertisements, DSV received in the excess of 50 CVs as applications for our vacancies. 2 of the 3 vacancies were filled by the above-mentioned applications – which had a financial impact for DSV because we did not have to pay any recruitment fees. Thank you for allowing us access to your membership portfolio."

We end this Newsletter with an inspiring quote from Martin Luther King Jnr -

"Only in the darkness can you see the stars."

Stay safe and healthy. Until again!



Contact Us

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