

SAIIE

Southern African Institute for
Industrial Engineering

News

Volume 6 – July 2019

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SAIIE & SAIIE Student News



30 September - 2 October 2019 | The Boardwalk Hotel, Port Elizabeth
www.conference.saiie.co.za

Industrial engineering professionals are very tall people, with their feet firmly on the ground and their dreamy heads in the clouds. To express this duality, we introduce our theme:

Alternative Realities, our dreamscape in which we can build on our futurist ideas and conceive a world undreamt before and *Real Alternatives*, every day industrial engineering, designing and implementing solutions that make a difference

Join us at one of our exciting Workshops on Monday, 30 September:

- Robotics and Machine Learning
- Six Sigma Yellow Belt
- Becoming a PowerPoint Superhero

Conference Activities:

The conference week will be jam packed **full of exciting activities** including interacting with authors of over 60 papers on topics including Lean Leadership, Front-line supervision, Industry 4.0 Readiness, Multi-criteria decision making & Robotics. Join us for **fun on the beach**, a **cocktail function** on Monday, 30 September at the historic St George's Club, a hidden gem of Port Elizabeth and our **conference dinner** on Wednesday, 2 October at The Plantation, hidden away in a seaside forest.

Awesome Keynote Speakers:



Benji Coetzee

Yanesh Naidoo

James Carey

Carel Snyman

New: Industry tour day on Thursday, 3 October:

We offer you the opportunity to spend the day broadening your minds and sharing ideas with other industrial engineers as we visit a range of companies pushing boundaries and exploring new territories. Visits include among others tours of Continental Tyres, Isuzu, Jedamark and more.



Review process completed	31 August
Final camera-ready papers and A3s	1 September
Abstracts deadline (for abstracts only track)	1 August

Upload abstract: <http://conferences.sun.ac.za/index.php/saieNeXXXt>

Visit our website <http://www.conference.saie.co.za/> to register as delegate, for more information on the conference and our Keynote Speakers as well as various partnership and marketing opportunities. **This conference is registered for 4 CPD credits.**

Early bird registration extended until 31 July 2019!

SAIIE Council News

Looking for ways to convince your employer to pay your annual SAIIE membership fees



A Tax Expert was consulted and answered our questions as follows:

If an employer pays a SAIIE member's membership fee, is there a tax benefit for the employer?

If the employer pays the employee's membership on behalf of the employee, the employer can get the deduction for the membership fee if the employee is required to belong to the voluntary association and the invoice is in the name of the employer. The employee's contract must also state that the employer is responsible for the membership fees.

Some organizations are "Corporate Partner Members" of SAIIE. Is there a tax benefit for these organizations?

SAIIE includes contracts with the Corporate Partner Members where they receive certain benefits at a certain cost. The organizations, among others, obtain publicity and membership from SAIIE. The organizations will be able to deduct the costs relating to the contracts if the costs are for the promotion and exercise of their business activities. The income tax benefit lies in the fact that the cost of entering the contract can be deducted from income for income tax purposes.

SAIIE and other Events

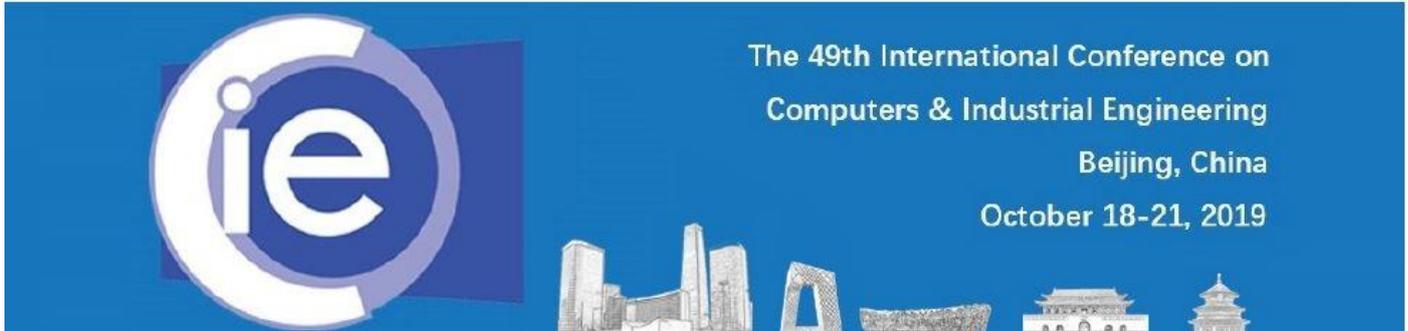


www.transportsig.com Content and Network for Decision Makers in the Transport Sector

You are invited to a Transport Forum event "Lessons Learnt for Transport" on **18 July 2019** at WITS Senate Room, Wits East Campus, Jorissen street, Braamfontein, Johannesburg. Attendance is for free, but booking is essential. For more information and to register [click here](#).



The 48th Annual Conference of the Operations Research Society of South Africa (ORSSA) will take place at The Vineyard Hotel, in Cape Town, South Africa, from **8 - 11 September, 2019**. The Conference is a celebration of the Society's 50th anniversary. **This conference is registered for 3 CPD credits.** For more information and to register [click here](#).



Looking for more CPD accredited courses?



is offering numerous CPD accredited courses (including on-line).



Courses includes:

- Project Management
- Requirements Engineering
- Systems Design
- System Engineering Management

Please [click here](#) for more information and the contact numbers for the various courses.

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

- **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.
- **Systems Thinking**, 4 CPD credits, contact Alpha Concepts (Pty) Ltd at 082 894 6253.
- **SWEAT Line, Lean Tools & Problem Solving, Corporate Identity and Purpose Capital**, 1 CPD credit each, [click here](#) for more information or contact Nelson Mandela University at 041 504 9124 / 041 504 3645
- **Project Management Short Learning Programme**, 3 CPD credits, [click here](#) for more information or contact Nelson Mandela University at 041 504 9124 / 041 504 3645
- **Introduction to Simulation Technology**, 2 CPD credits, contact Simulation Engineering Technologies at 012 665 0803
- **SAIIEneXXXt Annual Conference**, 4 CPD credits, navigate to <http://www.saiie.co.za/saiie30> for more information and to register.
- **ORSSA2019**, 3 CPD credits, navigate to <http://www.orssa.org.za/wiki/pmwiki.php?n=Conf.ORSSA> for more information and to register.

Lean Analytics Meetup:

These Meetup 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 SAIIE events, as well as feedback on topics being raised by similar meet-ups held in other chapters.

These meetups are held every second Wednesday morning and all the details of the venue and time are available on the Meetup 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/>

Road to Registration Courses scheduled for 2019:

Kick-start your career and work towards becoming 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. SAIIE is prepared to arrange with a mentor to assist you with any discipline-related questions. Kindly notify the SAIIE Administrator at lynette.pieterse@up.ac.za if you have booked for any of these courses.

Articles

Greg Satell writes in his article *The One Genius Google Innovation Strategy That You've Probably Never Heard Of*: "It's no secret that Google is one of the most innovative companies on the planet. Besides pioneering and then dominating the search industry, it has also become a leader in developing futuristic technologies such as artificial intelligence, driverless cars and quantum computing. It has even launched a life science company." [Read on.](#)

In another interesting article from Greg Satell, *These 4 Major Shifts Will Drive The 21st Century*, he writes: "In 1900, most people lived much like their ancestors had for millennia. They lived and worked on farms, using animal power and hand tools to augment their own abilities. They inhabited small communities and rarely, if ever, travelled far from home. They engaged in small scale violence and lived short, hard lives.

That would all change over the next century as we learned to harness the power of internal combustion, electricity and atoms." [Read on.](#)

Tom Koulopoulos writes in his article *Apple Inadvertently Revealed its Next Big Thing*: "and it's not what you think...Eclipsing yourself when you've just finished changing the world isn't easy, it's nearly impossible. But here's one way Apple might just pull it off, again." [Read on.](#)

NSTF e-Newsletter: How, where and when to dump plastics, Awards finalists & Gala Dinner and more... #NSTFawards2019. [Click to read.](#)

NSTF Media Release: Winners of the 2018/2019 NSTF-South32 Awards. [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 the words of Studie Back:

"Be curious always! For knowledge will not acquire you; you must acquire it."

Until again!

Contact Us

SAIE and SAJIE Administrator

Southern African Institute for Industrial Engineering

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