



Discussion Forum Invitation

S.E.T. for socio-economic growth

Advanced manufacturing and automation: potential and challenges

11-13 September 2019, Cape Town Stadium, Cape Town
#automation #AM

The [National Science and Technology Forum \(NSTF\)](#) is hosting a national NSTF Discussion Forum on [Advanced Manufacturing \(AM\) and Automation](#) at the 2019 SA Innovation Summit (SAIS). This NSTF Discussion Forum is in partnership with the NSTF [proSET](#) sector (Professionals in science, engineering and technology).



Be part of the conversation.
[Click here to register.](#)

New technologies have the potential to revolutionise manufacturing industries. What is realistically feasible for South Africa? What are the challenges to realising the rich potential of 4IR technologies in manufacturing?

Event objective: The event focuses on exploring how we, as industry, government and academia, can revolutionise manufacturing industries for economic growth and for the good of South African society. Following are some of the topics:

1. Changes needed to realise the potential of new technologies in manufacturing industries (eg attitudes, legislation/regulations, and entrepreneurship)
2. Challenges to making the technologies commercially viable in South Africa
3. Potential for new industries and opportunities for entrepreneurs
4. Progress made on skills training relevant to Industry 4.0
5. Using 4IR technologies to increase efficiency and safety
6. Materials needed for manufacturing and South Africa's role in mining or developing such materials

Envisaged outcomes: To collate feedback from the discussion forum and send recommendations to relevant government departments, policy makers and research institutions.

Outputs: As is usual for [NSTF Discussion Forums](#), the following outputs will be made available on the [NSTF website](#): proceedings; media release; speakers' PowerPoint presentations; and [video clips](#) of presentations etc.

Continuous Professional Development (CPD) points: CPD points will be awarded to attendees who are registered with [SACNASP](#) (South African Council for Natural Scientific Professions). One point for attending the whole day on 11 September, and a half point for attending one of the afternoon sessions on 12 and 13 September. For other affiliations, please notify the NSTF office of the professional body/society where you are registered so that NSTF can approach them for CPD points. Email enquiries@nstf.org.za or call Ms Kgaugelo Tefo at +27 (0)12 841-2717/3987.

Delegate registration information
Date: 11-13 September 2019
Venue: Cape Town Stadium, Conference Facilities, Level 3, Fritz Sonnenberg Rd, Green Point, Cape Town
Registration: [RSVP your attendance online](#) by no later than 4 September 2019. Limited seats available. (Terms & conditions apply.)
Programme and times:

- **Day 1** (11 September) 9:00 for 09:30-17:00 (includes lunch and refreshments)
- **Day 2** (12 September) 13:30 for 14:00-17:00 (includes only refreshments, no lunch)
- **Day 3** (13 September) 13:30 for 14:00-17:00 (includes only refreshments, no lunch)

Parking: Free parking at Level 1 of conference facilities at Cape Town Stadium

1. **Special NSTF discounts for the SA Innovation Summit:** All [SA Innovation Summit \(SAIS\)](#) delegates with tickets attend this NSTF Discussion Forum free of charge. If you still intend to register for the SAIS, NSTF has negotiated a 30% discount to [NSTF member organisations](#) only. Contact Mr Matome Mphela at enquiries@nstf.org.za or call +27 (0)12 841-2717/3987 for your unique promo code to access the discount.
2. **Registrations for the NSTF Discussion Forum only:** Those that want to register for this NSTF Discussion Forum but not participate in the SAIS are welcome. The following registration procedures apply:
 - NSTF members (ie employees of [NSTF member organisations](#)) have free access to this NSTF Discussion Forum, even if not registered for the SAIS.
 - Non-members pay R2200 registration fee excl VAT.

Business Report supplement: A newspaper supplement on this discussion forum is being planned by Business Report, dependent on advertisers. (The supplement will be inserted in The Star, Cape Times, Pretoria News, and The Mercury.) There are unique opportunities for positioning and branding. Contact the NSTF Office at enquiries@nstf.org.za for further information. Note that the NSTF does not receive money for this supplement. The intention is to increase awareness of issues in the science, engineering, technology (SET) and innovation community in South Africa.

About the NSTF: The NSTF is the [stakeholder forum](#) representing the SET and innovation community in South Africa. The [membership](#) ranges from research institutions, universities and state entities to business, as well as [professional societies \(proSET\)](#) and civil society. The NSTF engages with [policy issues](#) across various government departments and promotes collaboration and critical thinking among the broad range of stakeholders. [NSTF Discussion Forums](#) gather stakeholders together, across the public and private sectors, to put forward recommendations to influence government policies.

About the SA Innovation Summit: The [SAIS](#) takes place in Cape Town from 12-13 September 2019. It is expected that more than 600 companies, 450 entrepreneurs and 150 investors will be participating. Innovative technologies from South Africa, the African continent, and the rest of the world will be on show. The SAIS is preceded by the international [Triple Helix Conference](#) on 9-11 September, also at Cape Town Stadium.

Please note that if you do not RSVP, the NSTF cannot be held responsible for any unforeseen changes or cancellations of programmes. Communications are sent only via e-mail or through notifications on the [NSTF website](#).

Please forward this e-mail to your colleagues, business contacts and all interested persons!

About the NSTF
 The National Science and Technology Forum (NSTF), established in 1995, is a broadly-representative stakeholder body for all SET and innovation organisations in South Africa, which seeks to influence policy formulation and delivery.

The NSTF-South32 Awards are unique in SA, recognising the outstanding contributions of individuals and groups to SET and innovation.

The science bursaries page provides information on bursaries and bursary providers for science, engineering and related studies.

Disclaimer
 The NSTF has taken all practical measures to ensure that the material contained in this newsletter is correct. The NSTF reserves the right to make changes as it deems necessary.

Privacy
 Registration details submitted to the NSTF will be treated confidentially and will only be used by NSTF to communicate with its members and subscribers.

For more information
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