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National Science and
Technology Forum

Discussion Forum Invitation

S.E.T. for socio-economic growth

STEM education – disruptions and the future NSTF/proSET discussion forum 29-30 August 2022

The [National Science and Technology Forum \(NSTF\)](#) invites you to an online NSTF Discussion Forum on [STEM education – disruptions and the future](#) from 29-30 August 2022. (STEM = science, technology, engineering and mathematics.) This event is held under the auspices of [proSET](#), the Professional bodies sector of the NSTF.

NSTF Discussion Forum

STEM education disruptions and the future



Calling teachers, advisors, policy makers,
educationists, professional societies, and education NGOs

STEM education has developed to be more significant for the world as it poses a range of advantages in a myriad of fields. As most sectors are dependent on STEM fields, it indirectly plays a significant role in the flourishing of the economy. In the coming years, the STEM sector is expected to be one of the largest employers in the world.

The purpose of this discussion forum is to focus on particular aspects of STEM education that are currently of concern and interest, including:

- The effects of recent disruptions of education on STEM education
- The urgent need for career guidance and awareness of the importance of STEM subjects among learners

- Technology as a school subject matter, including engineering, as well as technology-focused schools
- Creativity and STEM education (referred to as STEAM)
- Exposure to 4IR technologies, e.g. robotics and coding

Event objectives

- Raising concerns on behalf of the science, engineering, technology (SET) professional associations in NSTF, both during the event and in subsequent publicity, and communication with the Department of Basic Education
- To approach STEM education from the perspective of various stakeholders and experts
- To collate the best ideas for dealing with the huge challenges to STEM education in our education systems

Outputs: As is usual for [NSTF Discussion Forums](#) the following outputs will be made available on the [event page](#): media release; speakers' presentations (subject to speakers' permission); [video clips of presentations](#), comprehensive proceedings, etc. Outputs will also be made available through NSTF's social media platforms ([Facebook](#), [Instagram](#), [Twitter](#), [LinkedIn](#), and [YouTube](#)).

Continuous Professional Development (CPD) points: CPD points will be awarded to attendees who are registered with [SACNASP](#) (South African Council for Natural Scientific Professions). For other affiliations, please contact the NSTF office at enquiries@nstf.org.za.

Delegate registration information:

Dates & times: 29-30 August 2022, 09:00-13:00

Background: Click here for the [Concept document](#)

Registration: Register for both days [here](#).

Ensure that you click the 'Confirm' button to be diverted to the web page containing the Zoom link.. You will receive an email to confirm your registration.

The online event is FREE to all those interested.

[#STEM](#) [#Science](#) [#STEMEducation](#) [#STEMcareers](#) [#STEAMeducation](#)

About the NSTF: The NSTF is a non-profit [stakeholder forum](#) representing the science, engineering and technology (SET) and innovation community in South Africa. The [membership](#) consists of 120 organisations, and ranges from research institutions, universities and state entities to business, [professional societies \(proSET\)](#) and civil society. The NSTF engages with policy issues across various government departments and promotes collaboration and critical thinking among a broad range of stakeholders. [NSTF Discussion Forums](#) gather stakeholders together, across the public and private sectors, to exchange knowledge and ideas, and put forward recommendations for government and relevant authorities.

About the NSTF

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

The [NSTF 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.

[STEMulator.org](#) attracts learners and students to the exciting world of science, technology, engineering and mathematics (STEM). It provides a virtual world full of stimulating content to excite and inform the youth, including STEM career guidance. Established under the auspices of the [NSTF proSET membership sector](#) (Professionals in science, engineering and technology).

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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