



Email: enquiries@nstf.org.za | Tel: +27 12 841 3987 |
<https://www.nstf.org.za/>



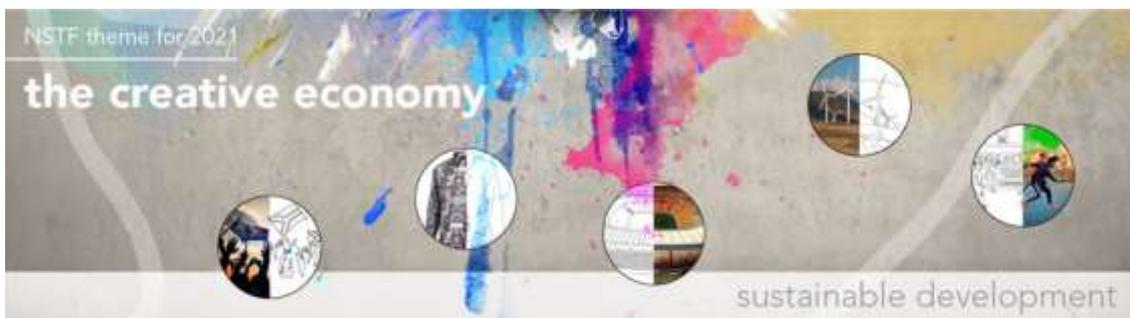
NSTF e-Newsletter

S.E.T. for socio-economic growth

We can beat the pandemic!

Message from the NSTF Executive Director, Ms Jansie Niehaus

Currently the only weapon against the pandemic, vaccination is supported by overwhelming evidence of its safety and effectiveness. [Read](#) the ED's message.



NSTF News

All about the 2020/2021 NSTF-South32 Awards

The [23rd NSTF-South32 Awards](#) function was held on Thursday, 30 September 2021, where the top scientists in South Africa were crowned. The celebration of South Africans' outstanding contributions to science, engineering, technology (SET) and innovation took place via a live hybrid broadcast simultaneously from Johannesburg and Cape Town to the [NSTF YouTube channel](#) (where the video of the event can still be watched). It was probably the first time in over eighteen months that members of the SET community could meet in person, not virtually, and it was thoroughly enjoyed by the attendees. The Awards patron, Minister of Higher Education, Science and Innovation, Dr Blade Nzimande, was the guest of honour.

Congratulations to all the inspiring finalists and winners of these prestigious Awards. Find out who the 14 [winners](#) are. You can also read all about the work of the winners, finalists and more in the [Who's Who of SET and innovation in South Africa](#) publication.

This year the [Special Annual Theme Award](#) was made for an outstanding contribution to SET and innovation towards the creative economy for sustainable development. This is also the NSTF's theme for 2021 aligned with the [International Year of Creative Economy for Sustainable Development](#), as declared by the United Nations.



Twenty years of recognising excellence in physical science and mathematics at school level

Brilliants and BEST students celebrated at the 2020/2021 NSTF-South32 Awards function

For the 20th year, first-year students who excelled in science and maths in the previous year's 'matric exams', the National Senior Certificate exam, and who are studying in science, engineering, technology (SET)-related courses at South African universities were introduced to participants at the Awards Gala event on 30 September 2021. [Twenty-one](#) of the students were selected for the NSTF Brilliants programme. Usually 18-20 students – a young man and woman representing each of the nine provinces – would be selected for this honour, but this year there were *three ties* in two provinces. The recognition of these young people, our [Brilliants](#) students, includes publicity for the students, their schools and provinces. The programme is generously sponsored by [South32](#) who extended their commitment to the NSTF Awards to include sponsorship of all the NSTF's [youth programmes](#).

This year, The [Lewis Foundation](#) partnered with the NSTF Brilliants Programme to include awards for nine 'BEST' students in 'Biological and Environmental Sciences', thereby recognising South Africa's future conservation champions. The Foundation is also sponsoring a field trip for the Brilliants and BEST students in 2022 to the [Wilderness School](#) in the Lapalala Reserve in the Waterberg region of Limpopo Province. The tour will inspire the students to discover the true value of the biodiversity of the natural world and their place within it.

See this year's [Brilliants and BEST students](#). Listen to [speeches by 3 of the students](#) played at the Awards Gala event. Interviews with all the students will be published in forthcoming issues of this newsletter.

The NSTF supports SET education with the aim to create the researchers, leaders and innovators for tomorrow's national system of innovation.

Discussion Forum on loadshedding

The Discussion Forum under the auspices of proSET (a sector of the NSTF representing professional bodies and learned societies) is titled "[Loadshedding and power cuts – what is really going on?](#)" The virtual event will take place on 25 and 26 October 2021.

Enquiries about participation can be addressed to [Mr Matome Mphela](#) in the NSTF office.

Meet our 2020/2021 Award Winners

Lifetime Award: Prof Raymond Durrheim

The winner of the 2020/2021 Lifetime Award is Prof Raymond Durrheim, Chair of the Department of Science and Innovation/National Research Foundation South African Research Chairs Initiative in Exploration, Earthquake and Mining Seismology, School of Geosciences, University of the Witwatersrand.

The Discussion Forum will be preceded by a [proSET](#) General Meeting. (See more under proSET News below.)

Upcoming Discussion Forums

A Discussion Forum in collaboration with the Science Councils and Statutory Bodies sector of the NSTF is in the pipeline for December 2021. The proposed title is “**Skills for preparing for pandemics**” More information will be available in the next issue of this newsletter.

The Discussion Forum on the international theme **Creative Economy for Sustainable Development** will take place in March 2022. The NSTF aims to highlight initiatives that bridge the gap between creativity and science/technology, and to discuss significant societal issues relating to these.

Please direct any queries about Discussion Forums to [Mr Matome Mphela](#) in the NSTF office.

NSTF 2021 AGM – save the date

Note that the [NSTF AGM](#), which includes all NSTF member organisations, will be a virtual event. It is scheduled for 19 November 2021 from 10:00 to 11:30. The NSTF AGM is held to satisfy legal requirements and to update [members](#) on all NSTF activities.

STEMulator.org

[STEMulator](#) is a proudly South African non-profit initiative initiated by the NSTF proSET sector to excite young South Africans into the STEM (Science, Technology, Engineering and Mathematics) world and associated studies and careers. STEMulator is a free-to-all, online and off-line, animated, educational application where the youth and those who are young at heart, can *Explore>Discover>Learn*.



He received the Award for the application of his expertise in geophysics and seismology to learn how Earth works, where to find ore bodies and energy resources, to make mining safer, and how to mitigate the risks of earthquakes.

“One of my most satisfying achievements is seeing that the group I took over when I was appointed to the research chair 15 years ago go from nearly no activity in terms of seismological research to a group of 40 post-docs, associates, honorary lecturers and PhD and Master’s candidates,” says Durrheim.

[Read more](#) in the *Mail & Guardian* special report on the NSTF-South32 Awards.

Bursaries available

Find the latest news on bursaries in science, engineering and technology (SET) in the NSTF [Bursary Directory](#). Currently available bursaries are:

- [Tiger Brands](#) (Deadline: 31 October 2021)
- [SUBTROP Lindsey and Milney](#) (Deadline: 31 October 2021)
- [Potato Industry Development Trust](#) (Deadline: 31 October 2021)
- [Nkangala District Municipality](#) (Deadline: 29 October 2021)
- [Limpopo Department of Public Works, Roads and Infrastructure](#) (Deadline: 31 October 2021)
- [Ikusasa Student Financial Aid Programme](#) (Deadline: 31 October 2021)
- [Department of Water and Sanitation](#) (Deadline: 31 October 2021)
- [Department of Agriculture, Land Reform and Rural Development](#) (Deadline: 31 October 2021)
- [Buffalo City Metropolitan Municipality](#) (Deadline: 29 October 2021)

Visit the NSTF [bursary website](#) for more information and inspiring people who work in these areas.



proSET (Professionals in science, engineering and technology) is a sector of the NSTF representing about 40 professional and learned societies. This section shares news about [members](#)* and introduces new members of the [proSET sector](#). *Note that this page will be updated on the new NSTF website to be launched soon. In the meantime see [Current NSTF Members | NSTF](#).

- **proSET General Meeting**

Invitations have been sent to the member representatives of [proSET](#) member organisations to a General Meeting (GM) to update the proSET membership on the activities carried out on behalf of them, and to elect new members to the Committee. NSTF-proSET members are led by a sub-committee of the NSTF, called the proSET Committee. The Committee has decided to call a GM because the members have not met for a long time, and there are positions on the Committee to be filled. The GM will be held online on 25 October 2021, from 9:00 to 10:30. *Please attend if you belong to a professional society in SET that is a member of the NSTF. There is strength in numbers!*

After [registration](#), member representatives will receive an automated response to confirm subscription. Thereafter they will be directed to a web page providing the link to the Zoom event.

The proSET GM will be followed by the annual NSTF-proSET Discussion Forum, on the topic "[Loadshedding and power cuts – what is really going on?](#)" on 25-26 October 2021.

- **CESA's Infrastructure Indaba: Role of engineers will be critical for recovery process**

[Consulting Engineers South Africa](#)'s (CESA) annual Infrastructure Indaba was held for the first time as a virtual event, on 28 September 2021. The theme was "Engineering the future now". The online platform presented networking opportunities and discussions which were highly engaging in the midst of South Africa's turbulent construction landscape.

CESA President, Sugan Pillay, opened the event by discussing South Africa's Economic Reconstruction and Recovery Plan. "This plan has created some much-needed optimism in the country, and I must highlight the important role of consulting engineers in this plan," said Pillay. "However, while the role of engineers will be critical in the recovery process, it is also important to note all the role players and stakeholders across the entire construction value chain who will be invaluable in the rebuilding process." [Read more](#).

- **CESA's Protecting Lives and Livelihoods Campaign wins international award**

CESA was crowned winners in the Strategic Programme category at the 2021 [International Federation of Consulting Engineers](#) (FIDIC) Member Association Excellence Awards for its 'Protecting Lives and Livelihoods' campaign. FIDIC currently has 102 Member

Associations which represent over one million engineering professionals and 40 000 firms globally.

- **SANBI collaborates in project to track change in the protected area estate**

The Accounts for Protected Areas, 1900 to 2020, were published on 4 October 2021 by [Statistics South Africa](#) (Stats SA), in collaboration with the [South African National Biodiversity Institute](#) (SANBI) and the [Department of Forestry, Fisheries and the Environment](#) (DFFE), as the second publication in Stats SA's Natural Capital series. Just over 9% of South Africa's mainland surface area is protected, mostly by Nature Reserves and National Parks. Over the past 15 years, Protected Environments have made a growing contribution to the protected area estate. [Read more.](#)

- **ECSA consults voluntary associations on the identification of engineering work**

On 26 August 2021, the [Engineering Council of South Africa](#) (ECSA) hosted its first industry consultation on the Identification of Engineering Work (IDoEW). The session was attended by government representatives as well members from voluntary associations. [Read more.](#)

- **IAIAsa Young Professional Membership Category now available**

Young Professional Membership of the [International Association for Impact Assessment South Africa](#) (IAIAsa) is now available to persons 35 years and younger at the time of application and who are within two years of having graduated in the field of integrated environmental management (IEM) or fields directly related thereto. [Read more.](#)

- **2021 JCSE-IITPSA ICT Skills Survey**

The COVID-19 pandemic brought with it some unexpected benefits for the South African ICT sector, including increased productivity and the potential for employers to reduce their operating costs. This is one of the findings in the first South African ICT Skills Survey to be carried out since the start of the COVID-19 pandemic by Wits University's [Joburg Centre for Software Engineering](#) (JCSE) in partnership with the [Institute of Information Technology Professionals South Africa](#) (IITPSA). Read more and access the full report [here](#).

- **Nominate candidates for the 2021 IITPSA President's Awards**

Nominations are now open for the IITPSA 2021 President's Awards, the annual accolades for the IT industry's leading chief information officers (CIOs), personalities and organisations. Nominees do not have to be members of the IITPSA. The closing date for nominations will be advised at a later date. The awards will be presented during the first quarter of 2022. To nominate deserving candidates, click [here](#).



SET-related policies currently open for public comment
Keep informed and have your say

- [Policy Position on Conservation and Ecologically Sustainable Use of Elephant, Lion, Leopard and Rhinoceros: Deadline for comments invited extended](#) (Comment by 14 October 2021)
- [Standards Act: Standards matters](#) (Comment by 18 October 2021)
- [Marine Living Resources Act: Sector specific policies for the fishing rights allocation](#) (Comment by 21 October 2021)
- [Non-Profit Organisation \(NPO\) Draft Amendment Bill](#) (Comment by 31 October 2021)
- [Companies Amendment Bill](#) (Comment by 31 October 2021)
- [Agricultural Product Standards Act: Increase in meat classification and quality indication mark inspection fees](#) (Comment by 1 November 2021)
- [Standards Act: Standards matters](#) (Comment by 4 November 2021)

SET-related policy news

Some articles included in the section below are opinion pieces. The opinions expressed in these articles do not necessarily reflect the views of the NSTF Executive Committee, Directors, Secretariat or Members.

SET indicators report

- [2021 South African Science, Technology and Innovation Indicators Report](#) (naci.org.za)

International cooperation

- [Gita Kamath: Seeing stars – Australia and South Africa's booming science and tech links](#) (news24.com)

Department of Science and Innovation

- [Dr Nzimande To Launch An Innovative Science Facility In The Eastern Cape](#) (dst.gov.za)
- [South Africa And Ethiopia Sign Agreement On Science And Technology](#) (dst.gov.za)

Research funding

- [Fears sun is setting on South African research](#) (researchprofessionalnews.com)
- [Open access 'excludes' developing world scientists](#) (scidev.net)

Energy

- [Changes to SA's Electricity Act will benefit our economy, says Scatec](#) (energize.co.za)
- [Eskom is now world's biggest sulphur dioxide emitter, CREA says](#) (polity.org.za)
- [Conference addresses wind power's role in SA economy and climate change](#) (energize.co.za)

Agriculture

- [BFAP Baseline: an agricultural outlook for 2021 to 2030](#) (bfap.co.za)
- [Sowing the seeds of prosperity: Interventions and reforms to foster growth and sustainability of inclusive food value chains](#) (dailymaverick.co.za)
- [Commercial agriculture myths pollute real policy solutions](#) (businesslive.co.za)

Education

- [More industry support needed to qualify IT teachers](#) (engineerit.co.za)
- [South Africa's NEETs crisis: Why we are failing to connect young people to work](#) (cde.org.za)

- [‘Confusing’ policies stifle South Africa’s PhD hub dreams](#) (researchprofessionalnews.com)

Infrastructure

- [Ramaphosa hails job-creation on world-class N2 Wild Coast Road project](#) (infrastructurenews.co.za)
- [Want to develop vaccines in Africa? Then invest in expertise and infrastructure](#) (theconversation.com)

Medicine and Health

- [Dr Patrick Soon-Shiong and Nantworks announce launch of COVID-19 and cancer vaccine initiative in South Africa in partnership with the Council for Scientific and Industrial Research and the South African Medical Research Council](#) (dst.gov.za)
- [WHO recommends groundbreaking malaria vaccine for children at risk](#) (who.int)
- [The sugar tax is working. Now double it](#) (bhekisisa.org)
- [South Africa urgently needs to update its mental health policy](#) (wits.ac.za)
- [Mental Health Financing in Africa: Building resources to overcome historical inequalities](#) (samrc.ac.za)

Climate change and environment

- [Climate change Bill to be tabled in parliament](#) (mg.co.za)



The events posted below are correct as far as we could establish at the time of preparing this newsletter. Please check the relative websites for changes to dates and venues.

- [2021 Virtual Nobel-Inspired Lecture: Adapting to Climate Change – What does the science say?](#) Webinar, 14 October 2021 at 14:00. Click [here](#) to register.
- Climate Change Leadership Seminar 10: ‘Where to from here? The role of the next generation’: Zoom, 14 October 2021, 17:30 – 19:00. RSVP to naomi@saifac.org.za. The seminar will also be live streamed on the [Facebook page of SAIFAC](#). Previous Climate Change Leadership seminars can be found on either the SAIFAC Facebook page or on YouTube by either searching for SAIFAC Climate Change Seminar Series 2021, or by clicking [here](#).
- [World Food Day Dialogue: “Our actions are our future- better production, better nutrition, a better environment and a better life”](#), 15 October 2021, 09:00-14:30
- The Effects of COVID-19 on Maternal and Child Health in South Africa: SA Medical Research Council Zoom meeting, 18 October 2021 09:00- 11:00. Click [here](#) to register.
- [Manufacturing Indaba](#): Virtual Conference and Exhibition: 22-26 October 2021
- [Debunking Myths and Misconceptions about COVID-19: South Africa and China Scientific Perspectives](#): Zoom webinar hosted by ASSAf, the Embassy of the People’s Republic of China in South Africa and the Chinese Academy of Sciences (CAS); 22 October 2021, 10:30 – 12:00. Register [here](#).

- “After the Riots: What really happened? Can we prevent a recurrence?” Invitation to the [7th ASSAf Presidential Roundtable](#). Zoom webinar, 29 October 2021, 16:00–18:00
- [IFAT Africa](#), Africa’s leading trade fair for water, sewage, refuse and recycling: Johannesburg, 2-4 November 2021
- [CIGRE SA regional conference](#): Online virtual event, 2-4 November 2021
- Institute of Waste Management of Southern Africa (IWMSA) [Biennial Seminar and Exhibition “Landfill and Waste Treatment 2021”](#), Durban, 3-5 November 2021
- [22nd Annual International RAPDASA Conference](#) (Rapid Product Development Association of South Africa), joined by RobMech and PRASA on Digital Manufacturing Industrialising Africa: Pretoria, hybrid format, 3-5 November 2021
- [ACAAP Inaugural Food Safety Conference](#): Virtual event, 10-11 November 2021
- [2nd Postdoctoral Research Conference of Southern Africa](#) under the theme Beyond the pandemic: Research now and in the future, to be held online from 10 to 12 November 2021
- [Intra African Trade Fair](#) with a strong focus on the African Creative economy, Durban, 15-21 November 2021. Deadline for registration: 15 October 2021
- [IMESA & IAWEEES Joint International Conference](#): Virtual conference, 17-19 November 2021
- [23rd International Congress of Zoology](#): Cape Town, 21-25 November 2021
- [World Science Forum](#): Cape Town, 8-10 December 2021
- The 7th [World Conference of Research Integrity](#) Cape Town, has been postponed to 29 May – 1 June 2022
- [XX International Triple Helix Conference 2022](#): Italy, 27-29 June 2022 on the theme "Governing new and traditional partnerships for innovation and development in the post-pandemic world"



Some articles included in the section below are opinion pieces. The opinions expressed in these articles do not necessarily reflect the views of the NSTF Executive Committee, Directors, Secretariat or Members.

Science Councils and Statutory Bodies

- [POPIA compliance in research involving children](#) (sajs.co.za)
- [CSIR receives eStation to utilize Earth Observation data for environmental management](#) (csir.co.za)
- [Global Forum of Funders: Unleashing Science – Delivering Missions for Sustainability](#) (nrf.ac.za)
- Call for Nominations: [2021 SAMRC Scientific Merit Awards](#). Deadline: 31 October 2021.
- MINTEK is inviting applications from interested and suitably qualified persons for appointment to the position of post-doctoral researcher (image analysis, software development, data analytics, modelling) for a three year contract.

(Ref: MPG/2021) Closing date: 15 November 2021. Click [here](#) for more information.

Higher Education institutions

- [Finding peer reviewers 'getting harder and harder'](#) (researchprofessionalnews.com)
- [New partnership with UCT-based H3D Foundation to strengthen African drug research](#) (uct.ac.za)
- [Why students don't attend lectures: what we found at a South African university](#) (theconversation.com)
- [South Africa's universities are adopting an international lens: why it matters](#) (theconversation.com)
- [Open access 'excludes' developing world scientists](#) (scidev.net)

Space Science and Astronomy

- [Are satellites still relevant in the age of fibre?](#) (engineerit.co.za)
- [HERA telescope to unravel Epoch of Reionisation Mysteries: UWC's Prof Mario Santos in University World News](#) (uwc.ac.za)
- [Spacing out: Air pollution and human health](#) (up.ac.za)
- [Analysis of 2 000 galaxies using the MeerKat radio telescope reveals fresh insights](#) (theconveration.com)

Ichthyology

- [South Africa's massive 'sardine run' leads fish into an ecological trap](#) (theconversation.com)

Science Communication

- [FameLab: Meet the Finalists from 2020/2021](#) (britishcouncil.org)

Medicine and health

- [Major new initiative to build capacity for healthcare and innovative research](#) (engineerit.co.za)
- [PhD research points to effective treatment of depression in people living with HIV/AIDS](#) (uct.ac.za)
- [Epilepsy in SA investigated through unique collaboration](#) (uct.ac.za)
- [A leading cause of death in SA, head trauma is under-researched](#) (uct.ac.za)
- [Tuberculosis still an urgent priority in the time of Covid-19](#) (sun.ac.za)
- [FARMOVS – 47 years of bioanalytical experience leads pre-clinical and clinical trials](#) (ufs.ac.za)

Epidemics – human and animal

- [Merck's COVID-19 Antiviral Drug Cuts Hospitalizations and Deaths by Half](#) (time.com)
- [Covid-19: What's behind Limpopo's energetic vaccination numbers?](#) (dailymaverick.co.za)
- [COVID vaccine mandates don't have to undermine your rights. Here's why](#) (bhekisisa.org)
- [Gift of the jab: 6 tips for speaking to the unvaxxed](#) (bhekisisa.org)
- [Covid tests and superbugs: why the deep sea is key to fighting pandemics](#) (ru.ac.za)
- [First evidence of inflammatory micro clots in blood of individuals suffering from Long COVID](#) (sun.ac.za)

- [Report has revealed that only 12 people are responsible for 65% of anti-vaccine misinformation on social media platforms](#) (samrc.ac.za)

Climate change and Environment

- [Houston, we have a fynbos problem: Nasa flies to rescue of Cape's natural treasures](#) (msn.com)
- [It's time to clean up South Africa's polluted air](#) (mg.co.za)
- [SA is breaking more high-temperature records than expected](#) (up.ac.za)
- [Are you making these paper recycling mistakes?](#) (infrastructurenews.co.za)
- [Engineering Responses to Climate Change](#) (nationalacademies.org)
- [What drives the temperature anomalies that protect the Sodwana reefs?](#) (sajs.co.za)
- [Climate Change and 'A New Normal of Extremes'](#) (national academies.org)
- [Reducing food losses and waste by identifying and eliminating waste](#) (valuechainsolutions.co.za)
- [Burning of fossil fuels directly impacts dung beetles](#) (wits.ac.za)
- [Mining companies paying lip service to sustainability](#) (sun.ac.za)
- [More South Africans see merits of electric vehicles](#) (itweb.co.za)
- [New Global Air Quality Guidelines aim to save millions of lives from air pollution](#) (samrc.ac.za)
- [Conference addresses wind power's role in SA economy and climate change](#) (energize.co.za)

Infrastructure

- [The road to sustainability: the use of waste materials in South African road construction](#) (csir.co.za)

Energy

- [Discussion: Exploring solutions to SA's energy crisis](#) (eNCA)
- [Locally made LED lighting solution for taxi ranks](#) (energize.co.za)
- [Small-Scale Hydropower Becomes A Reality In The Eastern Cape](#) (dst.gov.za)
- [Study into large-scale potential to store renewable hydrogen](#) (nwu.ac.za)
- [Academic community gathers at WindAc for masterclasses](#) (energize.co.za)

Indigenous Knowledge

- [Year-old San and Khoi Centre adds invaluable indigenous knowledge to archive](#) (uct.ac.za)

Agriculture

- [Blueberries could be the next cash crop in South Africa](#) (cnn.com)
- [Fertiliser from urine: winning master's research underscores SDGs](#) (uct.ac.za)
- [UP scholars and experts address future of agriculture in a post-pandemic world](#) (up.ac.za)
- [Advancing food security; doing it differently](#) (ufs.ac.za)
- [Farming for the future: aquaponics partnership yields tons of veg and fish](#) (mandela.ac.za)
- [NWU academics weigh in on cannabis master plan implementation](#) (nwu.ac.za)
- [The history and genetics of our famous Nguni cattle can help conserve them](#) (up.ac.za)

The 4th Industrial Revolution and digital technology

- [SA ICT sector navigates pandemic unscathed but skills gaps remain](#) (wits.ac.za)

- [Innovative wireless sensor approach could make exploration cheaper – Prof \(polity.org.za\)](#)
- [Wits leads ambitious partnership to drive AI in Africa \(wits.ac.za\)](#)

Opportunities

- [Business investment competition recognises women \(energize.co.za\)](#): If you are a qualifying black woman-owned small business in the engineering/construction, manufacturing, agriculture/agri-processing, or trade/services sectors, do not miss out on this opportunity. [Enter](#) before midnight on 31 October 2021. Contact [Madelline Kadzinga](#), Eskom Development Foundation; phone: 076 724-5795.
- [African App Launchpad Cup 2021](#): The African App Launchpad (AAL) is an Africa-wide platform which aims to build the capacity of African youth and foster African start-ups in the ever-growing field of app and game technologies. Its goal is to develop the capacity of 10 000 youths and assist in the initiation of 100 start-ups in gaming and app development across Africa. Deadline for applications: 31 October 2021.
- The [AGTECH Innovation Challenge](#) under the Innovation Bridge Portal is searching for pre/post-revenue startups with a Minimum Viable Product (MVP) ready for or tested in-market, and applied researchers with viable projects to participate in their virtual pitch-day. Deadline: 01 November 2021.
- The Milken Institute and the Motsepe Foundation have launched the [Milken-Motsepe Innovation Prize](#) in AgriTech, a multi-year initiative to focus global innovators and entrepreneurs on developing technological solutions that accelerate progress towards implementing the United Nations' Sustainable Development Goals (SDGs), with a spotlight on the African continent. The winning team will receive a \$1 million grand prize, with \$1 million in additional prizes. Closing date: 08 December 2021.
- Special collection [call for papers](#): The rise of artificial intelligence in drug discovery: Challenges and opportunities. Deadline for submission: 31 December 2021. Manuscripts should be prepared according to the [guide for authors](#) and should be submitted online.



- [Prof Felix Dakora awarded the 2021 Louis Malassis International Scientific Prize for Agriculture and Food \(nrf.ac.za\)](#)
- [NWU engineering student scoops awards for Covid-19 innovations \(nwu.ac.za\)](#)

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

www.nstf.org.za

E-mail: enquiries@nstf.org.za

Tel: [+27 12 841 3987](tel:+27128413987) (Currently not in use due to NSTF staff working from home)

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