



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 introduce 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 visit the [current members'](#) page of the website for the full list of members, including proSET members.*

- **proSET General Meeting**

A highly successful virtual [proSET](#) General Meeting (GM) was held on 25 October 2021. Member organisations were updated on activities carried out on behalf of them, and they nominated new members to the Committee.

The two current products being developed by proSET, the [STEMulator](#) and [a booklet profiling member organisations](#), were received favourably by the attendees.

- **Call for proposals for funding: For relevant projects of NSTF proSET member organisations**

The proSET Committee has issued its [seventh call for proposals](#) as per the [proposal form](#), and according to the current guidelines for proposals. The proSET funds are specifically reserved for projects managed by proSET members, which satisfy certain criteria. The funds available are not sufficient to fund substantial projects in totality, but it will be possible to make a contribution to existing successful projects and modestly contribute to their success stories.

To submit your proposal contact the proSET Secretary: [Ms Lebogang Tebeila](#). The deadline for submissions is end of business on Friday, 12 November 2021. The proSET Committee will consider the proposals received at its meeting of 17 November 2021 and the outcomes of decisions will be communicated to those involved before the end of 2021.

- **Winners of 2021 national Programming Olympiad announced**

The winners of the 2021 national [Programming Olympiad](#) have been announced. The Olympiad is a challenge for high school learners who can use a computer programming language. The Olympiad seeks to grow coding skills among young South Africans. The South African Computer Olympiad, an initiative of the Institute of [Information Technology Professionals South Africa](#) (IITPSA), presented the 2021 Programming Olympiad in partnership with Standard Bank. [See full article here](#). The IITPSA is a longstanding member of NSTF/proSET.

- **WISA Impact Seminar**

The 7 October 2021 [Water Institute of Southern Africa](#) (WISA) Impact Seminar “Water Reuse, Recycling & Reclamation in South Africa” provided a current overview on the hot topic of water reuse in South Africa. Thirteen presentations from local and international experts explored different water reuse and recycling applications, cutting edge research and technology development. The seminar highlighted the multiple dimensions of water reuse including water quality and risk management, health risks, public acceptance and support, emerging contaminants and monitoring and technology validation. Water re-use in urban, agricultural, industry and mining applications for

both potable and non-potable uses was profiled, emphasising the breadth of the sector and the range of skills involved. [Read more](#). WISA is a member of NSTF/proSET.

- **Professor Brenda Wingfield receives prestigious Chancellor Award: Research**

The [Southern African Society for Plant Pathology](#) (SASPP) and its members congratulate Professor Brenda Wingfield for winning the prestigious University of Pretoria (UP) Chancellor Award: Research, which is awarded to a researcher in recognition of exceptional achievement in the field of research aimed at the advancement of science, and the associated promotion of the interests of UP. Prof Wingfield was given the award for her pioneering work in fungal genomics in South Africa. [Read more](#).

Wingfield, Professor and Deputy Dean: Faculty of Natural and Agricultural Sciences, UP was the winner of the [2014 NSTF-BHP Billiton Awards](#) for researchers for an outstanding contribution to SET through research capacity development over the last 5 to 10 years – sponsored by Eskom. She is also a former Chairperson of the NSTF.

- **South Africa on verge of breakthroughs in hydrogen, says new SAIMM president**

Speaking to [Mining Weekly](#), Isabel Geldenhuys, president of the [SA Institute of Mining and Metallurgy](#) expressed the view that all the big mines with big moving machinery will have the opportunity to move away from diesel and switch to a hydrogen-based fuel system because of the contained ecosystem. While the use of green hydrogen is always first prize, Geldenhuys pointed out that many processes have grey hydrogen as a by-product and expressed the view that where grey hydrogen is at the ready, it should be used as an imperfect solution rather than being left to go to waste. [Read more](#).