



science  
& technology

Department:  
Science and Technology  
REPUBLIC OF SOUTH AFRICA



SAASTA  
South African Agency for Science  
and Technology Advancement

## NATIONAL SCIENCE WEEK

Deepening our Democracy through Science

28 July – 4 August 2018



<b>Organisation:</b>	South African Institute of Physics (SAIP)	<b>Project Leader:</b>	Mr Brian Masara	<b>Province/s:</b>	EC, GP, KZN, L, MP & WC
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### National Science Week events and activities:

DATE & TIME	VENUE & LOCATION	ACTIVITY	AUDIENCE	CONTACT DETAILS	BOOKINGS REQUIRED?
30 July 09h00-15h00	UKZN Durban Westville Campus 238 Mazisi Kunene Rd, Glenwood, Durban, 4041	A public lecture on the dawn of the fourth industrial revolution. This is exciting time where science and physical systems are fusing to develop emerging technology that is based on artificial intelligence, robotics, Internet of Things, autonomous vehicles, 3-D printing, nanotechnology and quantum computing	General public, students, academics, researchers	<a href="mailto:lsmaily@ukzn.ac.za">lsmaily@ukzn.ac.za</a> <a href="mailto:petruccione@ukzn.ac.za">petruccione@ukzn.ac.za</a> 031 260 2775	Yes.
30-31 July 09h00-15h00	around Capricorn district Limpopo	visit schools in order to promote Physical Science around Capricorn district	Selected school learners and educators	<a href="mailto:mpho.maswanganye@ul.ac.za">mpho.maswanganye@ul.ac.za</a> 015 258 3943	No. This event is

	Schools around University of Limpopo (most not yet confirmed)				invite-only
30-31 July	Unitra Community Radio (UCR) Mthatha EC	Promote NSW at the community radio station	Students and surrounding communities	<a href="mailto:tdyeyi@wsu.ac.za">tdyeyi@wsu.ac.za</a> 047 502 2750	No
31 July 09h00-15h00	Stellenbosch University Physics Dep Merensky Building, off Merriman Ave, Stellenbosch, 7600	Stellenbosch University Physics department open day. It comprises of Physics demonstration, a public lecture	General public, students, academics, researchers	<a href="mailto:pietern@sun.ac.za">pietern@sun.ac.za</a> <a href="mailto:16529138@sun.ac.za">16529138@sun.ac.za</a> <a href="mailto:16107500@sun.ac.za">16107500@sun.ac.za</a> <a href="mailto:gwb@sun.ac.za">gwb@sun.ac.za</a> 021 808 3365	Yes
30-31 July 09h00-15h00	Vuwani Science Resource Centre and surrounding schools Vuwani, Limpopo	Outreach to Schools and Distribution of the career booklets and motivation talks	School learners, educators and the public	<a href="mailto:solly.ravhengani@univen.ac.za">solly.ravhengani@univen.ac.za</a> 015 962 8522	No. This event is invite-only
30-31 July 09h00-14h00	Unizulu Kwadlangezwa Campus, University of Zululand, Empangeni, KwaZulu-Natal, 3880	Distribution of the career booklets/ NSW flyers and motivation talks	School learners, educators and the public	<a href="mailto:KibirigeB@unizulu.ac.za">KibirigeB@unizulu.ac.za</a> 035 902 6262	Yes
30-31 July 09h00-13h00	Western Cape Atlantis local schools (not yet confirmed)	Local outreach to two schools in Atlantis The aim is to raise awareness of physics in South Africa and to encourage future science students to consider physics as a potential subject. Talks: National facilities and career opportunities Distribution of NSW flyers	School learners, educators and the public	<a href="mailto:msherbert@uwc.ac.za">msherbert@uwc.ac.za</a>	Yes

	Paarl local schools (not yet confirmed) Western Cape	Distribution of NSW flyers and outreach to local schools in Paarl	School learners, educators and the public	<a href="mailto:msherbert@uwc.ac.za">msherbert@uwc.ac.za</a>	Yes
30-31 July 01-04 August 09h00-14h00	TUT Tshwane Metro surrounding areas Nelson Mandela Drive; 24 Du Toit Street & Struben Street 0001 Pretoria	Distribution of the career booklets/ NSW flyers and motivation talks	School learners, educators and the public	Prof Joseph Asante <a href="mailto:AsanteJKO@tut.ac.za">AsanteJKO@tut.ac.za</a> 012 382 6280	No.
01 August 09h00-14h00	Tshakhuma Schools 3 Secondary Schools and 1 Primary Limpopo	Outreach to Schools and Distribution of the career booklets and motivation talks	School learners, educators and the public	<a href="mailto:solly.ravhengani@univen.ac.za">solly.ravhengani@univen.ac.za</a> 015 962 8522	No. This event is invite-only
01 August 09h00-15h00	Westville Durban, 4041 KZN	reach out to an all-girls school in the Westville area. The aim is to address grade 10 to 12 learners on the important of furthering a career in STEM	Learners and educators	<a href="mailto:lsmaily@ukzn.ac.za">lsmaily@ukzn.ac.za</a> <a href="mailto:petruccione@ukzn.ac.za">petruccione@ukzn.ac.za</a> 031 260 2775	Yes
01 August 09h00-15h00	the greater Cape Town (schools not yet confirmed)	Stellenbosch University post-graduate students will visit 2 schools in the greater Cape Town	Learners and educators	<a href="mailto:pietern@sun.ac.za">pietern@sun.ac.za</a> <a href="mailto:16529138@sun.ac.za">16529138@sun.ac.za</a> 021 808 3365	No. This event is invite-only
01 August 09h00-15h00	Stellenbosch University Physics Dep Merensky Building, off Merriman Ave, Stellenbosch, 7600 WC	the Physics department will host an information evening for our current post-graduate students, with the aim of highlighting the impact that Physics can make in society and the role that they can play in the community	General public, students, academics, researchers	<a href="mailto:pietern@sun.ac.za">pietern@sun.ac.za</a> <a href="mailto:16529138@sun.ac.za">16529138@sun.ac.za</a> 021 808 3365	Yes
30-31 July 01-03 August 09h00-15h00	Mthatha Municipality EC	Outreach to twelve schools locally and in the surrounding areas	Learners, educators and public	<a href="mailto:tdyeyi@wsu.ac.za">tdyeyi@wsu.ac.za</a> 047 502 2750	No
	Walter Sisulu University Mthatha Campus Nelson Mandela Dve	Presentation to University students	General public, students, academics, researchers	<a href="mailto:tdyeyi@wsu.ac.za">tdyeyi@wsu.ac.za</a> 047 502 2750	No

	Mthatha 5100				
01 August	UL Campus Radio University Street, Turfloop, Sovenga, 0727 Limpopo	Promote NSW at the University radio station	Students and surrounding communities	<a href="mailto:mpho.maswanganye@ul.ac.za">mpho.maswanganye@ul.ac.za</a> 015 258 3943	No.
01/02 August 09h00-14h00	TUT Mpumalanga Mzimhlophe/Sithjetjiwe Secondary	Outreach to Mpumalanga schools to present and make a laminated poster of UNIT Conversion for school	School learners, educators and public	Prof Joseph Asante <a href="mailto:AsanteJKO@tut.ac.za">AsanteJKO@tut.ac.za</a> 012 382 6280	Yes
01-03 August 8:30-15:30	Unizulu Kwadlangezwa Campus, University of Zululand, Empangeni, KwaZulu-Natal, 3880	Innovation competition opens to the whole University student community. The purpose of this activity is to give students an opportunity to engage with physical laws in solving a socio-economic problem	University community	<a href="mailto:KibirigeB@unizulu.ac.za">KibirigeB@unizulu.ac.za</a> 035 902 6262	Yes
01-03 August 8:30-15:30	University of Western Cape Physics Department Robert Sobukwe Rd, Bellville, Cape Town, 7535	Encourage undergraduate to majors in Physics and exposes them to role models and what career opportunities iThemba LABS has to offer	Students, academics, researchers and public	<a href="mailto:msherbert@uwc.ac.za">msherbert@uwc.ac.za</a>	No
	UWC Physics Department Robert Sobukwe Rd, Bellville, Cape Town, 7535	Seminar on how physics improves quality of life	Students, academics, researchers and public	<a href="mailto:msherbert@uwc.ac.za">msherbert@uwc.ac.za</a>	No
02 August 8:30-15:30	University of Limpopo University Street, Turfloop, Sovenga, 0727	Presentation to University students	Students, academics, researchers and public	<a href="mailto:mpho.maswanganye@ul.ac.za">mpho.maswanganye@ul.ac.za</a> 015 258 3943	No
02/03 August 09h00-14h00	University of Venda University Rd, Thohoyandou, 0950 Limpopo	Learners to be transported from schools to visit biogas digester and labs at UNIVEN	School learners, Undergraduates, Post Graduate and open invitation to university public	<a href="mailto:solly.ravhengani@univen.ac.za">solly.ravhengani@univen.ac.za</a> 015 962 8522	Yes. open invitation to university public

01 August 09h00-14h00	UKZN Physics Labs Durban Westville Campus 238 Mazisi Kunene Rd, Glenwood, Durban, 4041 Westville KZN	Learner experience at UKZN physics laboratories	two rural schools in the Ndwendwe area, Nombika High school and Mabayana Secondary school	<a href="mailto:lsmaily@ukzn.ac.za">lsmaily@ukzn.ac.za</a> <a href="mailto:petruccione@ukzn.ac.za">petruccione@ukzn.ac.za</a> 031 260 2775	No. This event is invite-only
04 August 09h00-14h00	Thavhani Mall Thohoyandou-J Thohoyandou 0950 Vhembe District Limpopo	Outreach to Thavhani Mall for science show and science exhibitions	School learners, educators and public	<a href="mailto:solly.ravhengani@univen.ac.za">solly.ravhengani@univen.ac.za</a> 015 962 8522	No.
04 August 8:30-15:30	Stellenbosch University Physics Dep Merensky Building, off Merriman Ave, Stellenbosch, 7600	Stellenbosch University Physics Outreach Initiative (SUNPOI) will host science learners from several schools in the greater Cape Town area. The students will be exposed to interesting science demonstrations and experiments	Learners and educators	<a href="mailto:pietern@sun.ac.za">pietern@sun.ac.za</a> <a href="mailto:16529138@sun.ac.za">16529138@sun.ac.za</a> 021 808 3365	No. This event is invite-only
01-04 August	Voice of the Community Radio (VoC FM) Johannesburg and surrounding areas	Promote NSW & physics at the Voice of Community radio station	surrounding communities	<a href="mailto:ndanganeni.mahani@saip.org.za">ndanganeni.mahani@saip.org.za</a> 012 841 2655	No
30 July to 04 August	Vukani FM Cala Eastern Cape	Promote NSW & physics at the Vukani FM Community radio station	surrounding communities	<a href="mailto:ndanganeni.mahani@saip.org.za">ndanganeni.mahani@saip.org.za</a> 012 841 2655	No
01-04 August	Kumkani FM	Promote NSW & physics at the Vukani FM Community radio station	surrounding communities	<a href="mailto:ndanganeni.mahani@saip.org.za">ndanganeni.mahani@saip.org.za</a> 012 841 2655	no
01-04 August	Thethat FM	Promote NSW & physics at the Vukani FM Community radio station	surrounding communities	<a href="mailto:ndanganeni.mahani@saip.org.za">ndanganeni.mahani@saip.org.za</a> 012 841 2655	No