**South African Institute of Physics National Science Week Activities**

National Science Week (NSW), an initiative of the Department of Science and Technology (DST) is a countrywide celebration of science involving various stakeholders and/or role players conducting science-based activities during the week. It is run in all nine provinces simultaneously at multiple sites per province. SAASTA has been appointed by the DST as the implementing agency and play the role of the National Project Manager for the National Science Week.

Each year a different theme is chosen and activities are offered around the theme to the target audiences. The theme for 2016 was "Science for Sustainable Development and Improved Quality of Life". The 2016 NSW took place from 8 – 13 August. SAIP was part of the exhibitors at the launch which was held at the University of the Western Cape from the 05th to the 6th of August 2016.

For the first time SAIP received a grant from SAASTA after successful bid for National Science Week 2016 under the theme "Physics Improving Our Quality of Life'.

In the proposal we proposed multi activities through our Hub&Spoke reps. Our planned activities were executed successfully. The team started off by designing a NSW flyer "Physics Improving Our Quality of Life". After the flyer we developed a promotional vedio clip on "How Physics Improves the Quality of Life and makes the World Beautiful".

We had 11 teams from 10 universities taking part of SAIP NSW 2016 activities. Each team had planned activities which included:

- Outreach to Schools and Distribution of the Flyer named "Physics Improving Our Quality of Life". Each team visited the identified schools to distribute flyers and materials to the learners and the educators. Then the team presented an interactive session on importance of physics in improving the quality of life for the benefit of the society.
- Each team had a task of organising a 3-hour seminar during the National Science Week under title: "Physics in Our Everyday Life - Promoting Sustainable Development and Improving Our Quality of Life". The target audience were undergraduates, post graduates and open invitation to public.

## 1. Overall Statistics

In total our NSW teams reached a total of 62 schools including the 25 schools reached by the UWC Team led by Dr Mark Herbert (Table 1). We achieved a total reach of 82 585 through different media platforms. Most of our activities were posted and advertised on SAIP Facebook Page, SAIP Website and university campus radios. Representatives of NWU (Mafikeng and Potch Campus) did a radio interview at the NWU FM 105.5 Station during the National Science Week. NWU FM has a listenership of over 50 000 people including surrounding areas. The Univen Team also had an interview at Univen FM Community Radio. For more info visit the following links https://www.facebook.com/South-African-Institute-of-Physics-1660099704207118/ and http://saip.org.za/index.php/news-and-events/other-events

| Target Audience | Total Reached |
|---|---|
| Schools | **62** |
| Learners | **4482** |
| Educators | **171** |

| | |
|---|---|
| University Students | **1058** |
| Postgraduates | **184** |
| Researchers and Academics | **941** |
| General Public | **82585** |
| | |
| Grand Total | **89421** |

**2. SAIP NSW 2016 Reps**

| **Institution** | **Event Coordinators** |
|---|---|
| 1. UNISA | Dr Moloi Sabata |
| 2. NWU - Mafikeng | Dr Kaitano.Dzinavatonga |
| 3. US | Dr Pieter Neethling |
| 4. NWU-Potch | Prof Christo Venter |
| 5. WSU | Mr Thembinkosi Dyeyi |
| 6. UWC | Dr Mark Herbert |
| 7. UL | Mr Netsianda Makonde |
| | Maphanga |
| 8. UNIVEN | Dr Eric Maluta |
| | Miss Ndanganeni Mahani |
| 9. WITS | Prof Andreas Faltenbacher |
| 10. NMMU | Mr Mpathi Collin |
| | Mr Nobom Hashe |
| 11. UP | Prof Mmantsae Diale |

## 3. Photos


**Fig. 1. Dr Mark Herbert Seminar at UWC for Smart Program.**

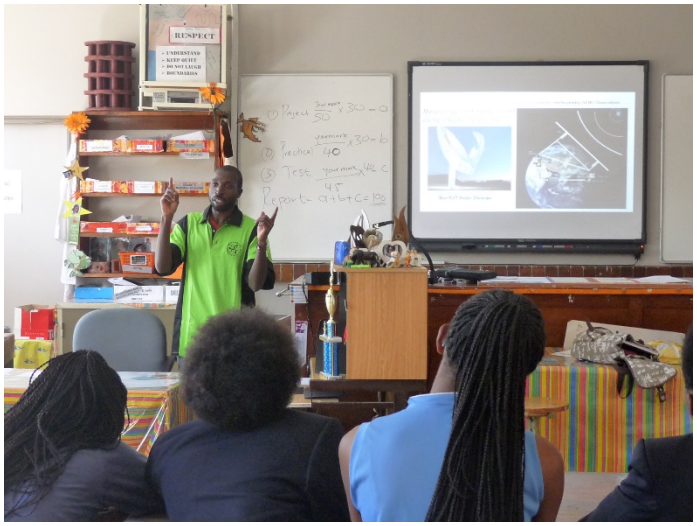


**Fig. 2. NW-Potch Team at High School for Girls Potchefstroom.**

**Fig. 3. Mr Dyeyi (WSU) at Umtata High School.**


**Fig. 4. Wits Team at Limpopo, Venda.**

**Fig. 5. Univen Team inside Univen FM Community Radio Studio.**


**Fig. 6. Univen Team at Nzhelele Valley Mall.**


**Fig. 7. UL Team with learners.**