



AUSTRIAN
ACADEMY OF
SCIENCES



LECTURE
ON THE OCCASION OF THE 40TH ANNIVERSARY OF YOUTH DAY IN SOUTH AFRICA

SCIENCES AND TECHNOLOGY FOR DEVELOPMENT

SANDILE NGCOBO

Council of Science and Industrial Research (CSIR)

WELCOME

ANTON ZEILINGER

President of the Austrian Academy of Sciences

TEBOGO SEOKOLO

The Ambassador and Permanent Representative of the Republic of South Africa

On the occasion of the 40th Anniversary of Youth Day in South Africa, the South African Embassy and the Austrian Academy of Sciences are hosting a lecture on science and innovation in South Africa. The lecture is featuring the young physicist Sandile Ngcobo, who will be discussing how his ground breaking research led to the innovation of the world's first digital laser technology.

Sandile Ngcobo holds a PhD in Physics from the University of KwaZulu-Natal and is a Senior Researcher at the Council of Science and Industrial Research (CSIR), one of the leading scientific and technology research, development and implementation organisations in Africa. Ngcobo is currently developing market ready laser prototypes for various multi-disciplinary laser applications. In his lecture he will focus on the use of a phase only Spatial Light Modulator (SLM) for the coherent control of the wavefront of laser light for arbitrary intensity and phase shaping.

The lecture will be followed by a reception hosted by the Ambassador of South Africa to Austria, Ambassador Tebogo Seokolo.

RSVP by 28 September 2016: hemetsbergern@dirco.gov.za | T: 01 3206493-31

MONDAY, 3 OCTOBER 2016
START: 5:00 P.M.
AUSTRIAN ACADEMY OF SCIENCES
THEATERSAAL
SONNENFELSGASSE 19, 1010 VIENNA