



SA GeoTech 2017 showcases virtual reality, 3D, big data and geospatial technologies

Virtual reality, BIM, CAD, GIS, big data, geospatial, and sound and vibration technologies will be in the spotlight at SA GeoTech 2017 which is being held on 25 and 26 July 2017 at Emperors Palace in Johannesburg. Sound and vibration engineering expert, Annie Bekker, and virtual reality authority, Johan Louw, have joined geospatial-technology evangelist, Geoff Zeiss, and building information modelling (BIM) guru, Vaughan Harris, as keynote speakers at the conference and exhibition.



Geoff Zeiss is recognised for his efforts to promote geospatial in vertical industries such as utilities and construction. He has more than 20 years' experience in the geospatial software industry and 15 years' experience developing enterprise geospatial solutions for the utilities, communications, and public works industries.

Zeiss will be talking about the latest geospatial technological trends and the resulting business value that these offer to utilities in both the private and public sectors. His particular interests include the convergence of BIM, CAD, geospatial, and 3D.



Annie Bekker is the director of the Sound and Vibration Research Group at the University of Stellenbosch. The group is currently focussed on human responses to sound and vibration in the occupational environment and vibration-related responses of polar supply and research vessels in the Arctic and Antarctic. She will be talking about the

work done by the Sound and Vibration Research Group and the work it has been doing on the SA Agulhas II. Emerging research focuses for the group include topics in operational modal analysis, rotational dynamics and the use of big data for decision making.



Johan Louw is the manager of the University of Pretoria's world class Virtual Reality Centre. The centre strives to be an innovative resource for bringing real-world scenarios to learners to enhance their exposure to their chosen industry; and also allows technical and other practitioners to simulate plans and designs in a risk-free environment

with minimal time and resource allocation. Louw will be detailing how exposure to an immersive experience which portrays data visually, makes it easier for project managers to make decisions and improve on their project designs and other activities that operationalise their strategies.



Vaughan Harris is the founder of the BIM Institute for South Africa, and has over twenty-five years of experience in the construction industry. He will be speaking on BIM, its capabilities and its role in South Africa. Harris has provided training and consultancy services to the South African government, institutions, and associations throughout

South Africa and has an excellent relationship with the international estimating and architectural software community and with many of the major international corporations within the construction industry.

SA GeoTech 2017 is a conference and exhibition to showcase geospatial and measurement technologies, tools, skills, services and applications to a wide spectrum of potential users within Southern Africa. The theme of the event is "Showcasing geospatial and measurement technologies for precision, planning, and performance." SA GeoTech 2017 will focus on leading-edge geomatics and geospatial technologies, skills, solutions and applications for business leaders, managers, data analysts, architects, engineers, scientists, project managers and decision-makers from all sectors of the economy.

Anyone interested in learning more about virtual reality, BIM, CAD, GIS, big data, geospatial, and sound and vibration technologies is welcome to register for SA GeoTech 2017 at www.sageotech.co.za/delegate-registration.

Contact Aimée Clarke, SA GeoTech 2017, Tel 011 543-7000, aimee.clarke@ee.co.za ❖