Contribution ID: **520** Type: **Oral Presentation**

Using Particle Image Velocimetry (PIV) to determine velocities of TIDs over South Africa

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Abstract content
   (Max 300 words)
Formatting &
Special chars

PIV is a method used to determine displacement of tracer particles in a flowing fluid. This is done by correlating sub-images (interrogation windows) of images of the fluid successive times. The PIV method was applied to total electron content maps within 20-35 degree south and 15-35 degrees east. Results generated by this method for medium and large scale traveling ionospheric disturbance will be discussed.

Apply to be
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YES

Level for award
 (Hons, MSc,
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MSc

Main supervisor (name and email)
and his / her institution

(Dr. Z.Katamzi, zkatamzi@sansa.org.za) SANSA

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Primary author: Mr MAHLANGU, Fiso (South African National Space Agency)

Co-authors: Dr HABARULEMA, John Bosco (South African National Space Agency); Dr KATAMZI, Zama Thobeka (South African National Space Agency)

Presenter: Mr MAHLANGU, Fiso (South African National Space Agency)

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