UNISEC
Southern Africa Activities
by
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Members

- Stellenbosch University (SU)
- Cape Peninsula University of Technology (CPUT)
- University of Cape Town (UCT)
- Vaal University of Technology (VUT)
- Namibian University of Science and Technology (NUST)
- Angola (Angolan National Office for Space Affairs)
Population:
54,002,000
+ 2,113,077
+ 24,383,301 =
80,498,378 (>Germany)

Area:
1,221,037 km²
+ 825,615 km²
+ 1,246,700 km² =
3,293,352 km² (>India)
Southern Africa and UNISEC

- SU & CPUT are established
- UCT has grown substantially
- VUTS, NUTS and Angola great potential
- Great potential for growth
- Opportunities to meet
  - International African CubeSat Workshop
  - 24-26 February 2016
  - Meet local industry
- Involved in UNISEC competitions (1 semi-final + 4 finalist MIC, 2 finalist DDC)
Stellenbosch

- Focuses on ADCS and space radiation research
- Continue to develop ADCS CubeSat components which is sold through CubeSpace
- Delivered ZA-Aerosat, contribution to QB50 workshop
- Also involved in a number of interesting international projects including RemoveDebris
CPUT

- ZA-Cube 1 launched in 2013 and still operational

- Working on ZA-Cube 2, 3U CubeSat with communication and imager payload

- Commercialise research in satellite communication

- CANSat product which is use within some schools curriculum.
UCT

- Offers MPhil in Space Studies
- Focus not on Satellite Engineering but also on regulation, space law aspects and orbital debris
- Attract students from a lot of different nationalities
- Involved in a number of international projects
Thank you