

Southern Africa and UNISEC

Stellenbosch

CPUT

UCT



UNISEC Southern Africa Activities

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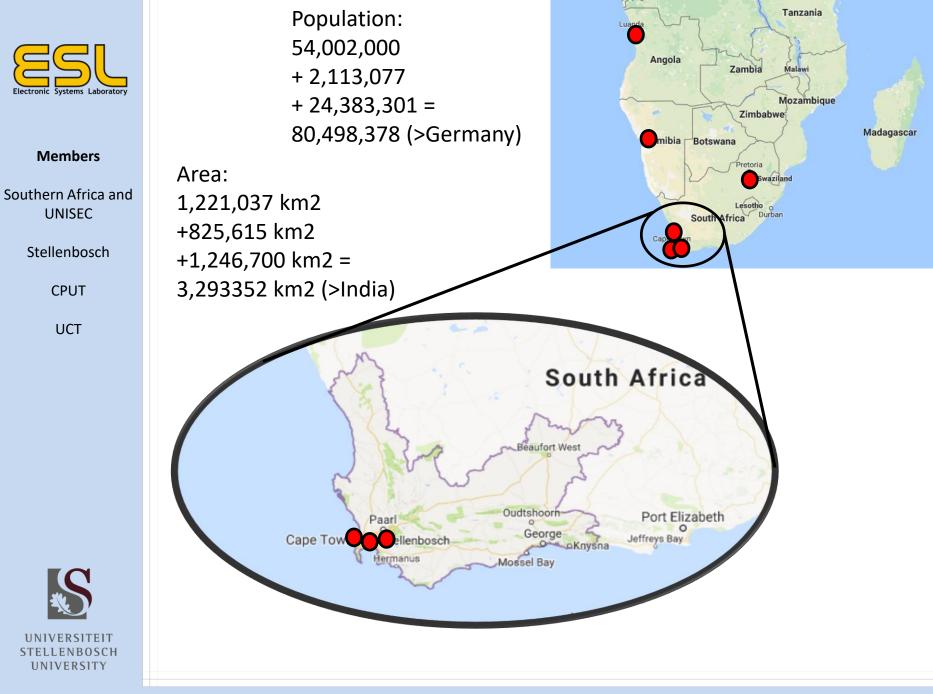


UNIVERSITEIT STELLENBOSCH UNIVERSITY

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)





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UNIVERSITEIT STELLENBOSCH UNIVERSITY

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)





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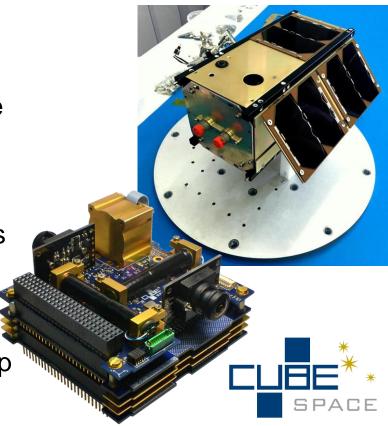
UCT

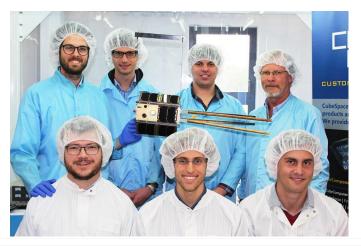


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Stellenbosch

- 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







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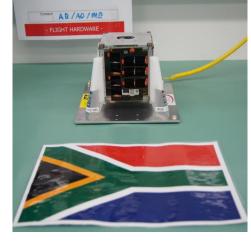


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CPUT

- 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.









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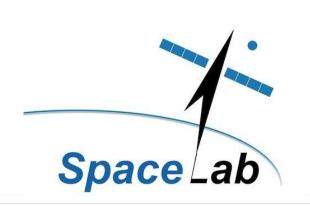
UCT



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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



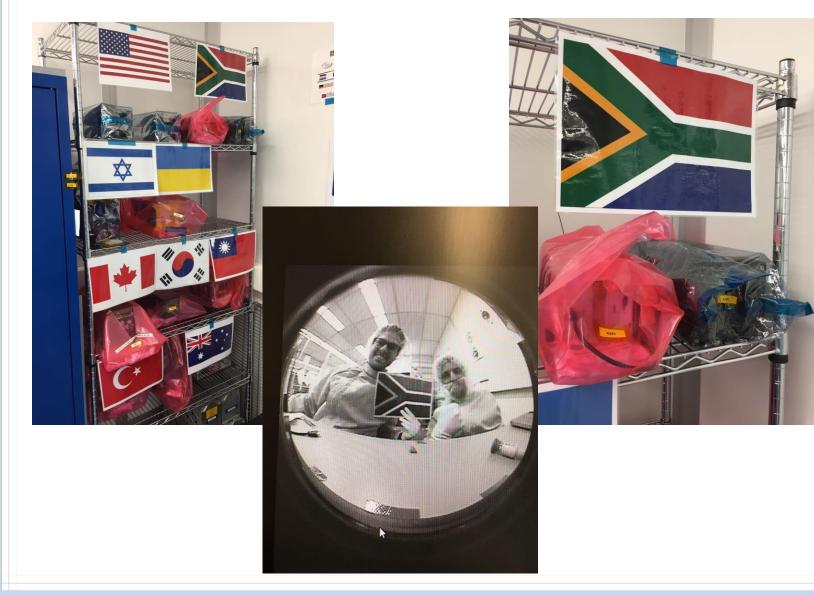








Thank you



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