

CAF CT Scanner facility

More than just a scan

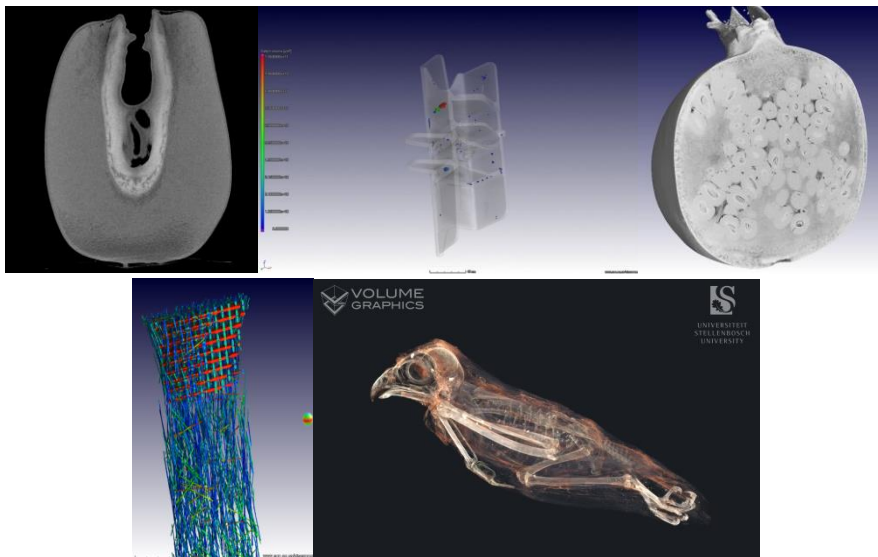
Invitation: NanoCT launch

Expansion of X-ray microCT facility into the nanoscale

All our past and present facility users and interested parties are invited to join us in the official launch of this instrument. Invited speakers will give a brief overview of the many diverse and exciting applications this technology offers, followed by lab tours and drinks and snacks. Please join us for this exciting step forward!

15 September; 18:00-20:00; smart casual
Please RSVP by 1 September 2014 to anton2@sun.ac.za

1. Welcome – Dr Anton du Plessis
2. NRF/DST support of the facility – NRF spokesperson
3. CAF support – Prof Gary Stevens
4. Grantholder and applications in Food Sciences: Prof Marena Manley, US
5. Applications in Geosciences: Dr Jodie Miller, US
6. Applications in Archeology: Dr Kris Carlson, Wits
7. Applications in Wood Sciences: Prof Owe Lindgren, Sweden
8. Applications in Ancient Studies: Dr Ruhan Slabbert, US



CT Scanner

CAF



Central
Analytical
Facilities

STELLENBOSCH UNIVERSITY

Multi-disciplinary research from micro to nanoscale in full 3D

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Our goals are to provide

- Support to local and international researchers
- Access to fast turnaround nondestructive testing for industrial clients
- An interdisciplinary, inter-institutional world-class X-ray tomography platform that allows for thousands of samples to be analysed non-destructively in full 3D
- A world class research and educational facility within Africa for Africans

We thank all our co users and collaborators who made this grant possible

- Prof Marena Manley, Food Science, Stellenbosch University (grantholder)
- Prof Thomas Seifert, Forest and Wood science, Stellenbosch University
- Dr Jodie Miller, Earth Sciences, Stellenbosch University
- Prof Gary Stevens, Earth Sciences, Stellenbosch University
- Prof Louw Hoffman, Animal Sciences, Stellenbosch University
- Dr Thorsten Becker, Mechanical Engineering, Stellenbosch University
- Dr Catherine Clarke, Soil Science, Stellenbosch University
- Prof Steven Bradshaw, Process Engineering, Stellenbosch University
- Prof Linus Opara, Horticultural science, Stellenbosch University
- Mr Frikkie de Beer, NECSA
- Dr Kris Carlson, Wits
- Prof David Jacobs, Biological sciences, UCT
- Prof David Reid, Earth Sciences, UCT
- Prof Carlos Pineda-Vargas, iThemba Labs
- Dr Glen Fox, University of Queensland
- Prof Voster Muchenje, University of Fort Hare
- Dr Megan Becker, Chemical Engineering, UCT
- Mr Herman Burger, CSIR National Laser Centre
- Prof Sisa Pityana, CSIR National Laser Centre
- Mrs Victoria Cain, Mechanical Engineering, CPUT
- Mr Gerrie Booysen, Centre for Rapid Prototyping and Manufacturing, CUT
- Prof Sivakumar Pasupathi, South African Institute for Advanced Materials Chemistry (SAIAMC), UWC
- Prof Paul Geladi, Swedish University of Agricultural Sciences
- Prof Henry Silungwe, Food Science and Technology, University of Venda
- Dr Beth Kahle, Remote Exploration Services (now at UCT – Earth Sciences)
- Prof Victoria Jideani, Food science, UWC

Special thanks to our sponsor for the evening: General Electric

