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And our group's own research page:  
<http://blogs.sun.ac.za/duplessis/>

## Welcome

It's time for another newsletter, this one was a bit late, sorry about that! In this issue we tell you how we can come to you, share a tech note on dimensional analysis of parts, and share a recent biomimicry research publication.

Please book your scans and if you are unsure, come in for a coffee to discuss your work (for free).

If you wonder what it takes to make a CT scan? Have a look here at this simple video: <https://youtu.be/Yqui4OPVZu0>

For more detailed information about the type of data to expect and how to plan your work, please see this guide:

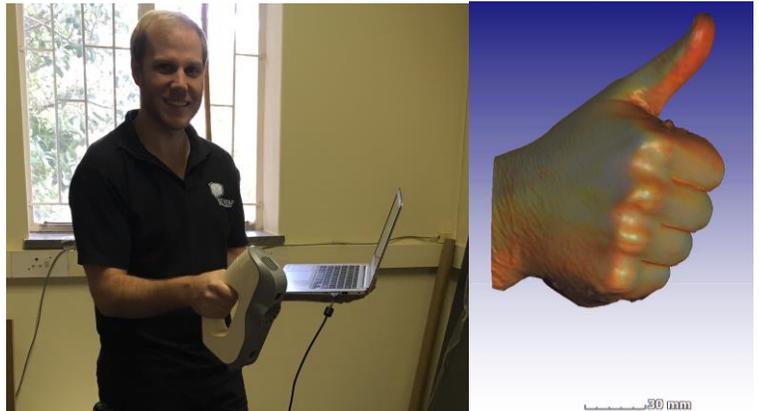
<http://blogs.sun.ac.za/ctscanner/files/2013/07/MicroCT-data-analysis-and-reporting.pdf>

## We come to you

We are happy to come to you, we can do all of this on your site:

- Make a short presentation
- Discuss the details of your project and plan it out
- If you are too far away, we can do the above via internet
- We can come to scan your parts using handheld scanners

So here is a sneak preview of the portable scanning we provide



Thumbs-up 3D model acquired with our portable scanner



## Acknowledgements

The CT scanner equipment acquisitions were made possible with grants from the National Research Foundation and Stellenbosch University. The Department of Science and Technology Internship program is also acknowledged for its support of this facility. Narich is acknowledged for its support in the form of the Ocean Optics Spectroscopy Centre of Excellence. We encourage and welcome any form of sponsorship or support in order to keep delivering the best quality.

Please cite our facility when reporting data generated here:

<http://www.sciencedirect.com/science/article/pii/S0168583X16303433>

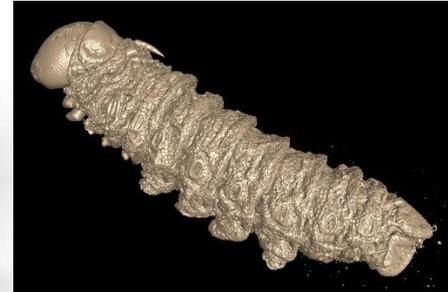
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Our advertiser is Volume Graphics – their software VGStudioMax is used extensively at our facility. For a link to their free 3D viewer (also now for Mac), click here:

<https://www.volumegraphics.com/en/download-viewer.html>

## Guess-the-X-ray

To highlight the capabilities of our systems to really look into and through parts, we regularly show some X-ray images. The idea is you can try to guess what it is and why we are analyzing it.



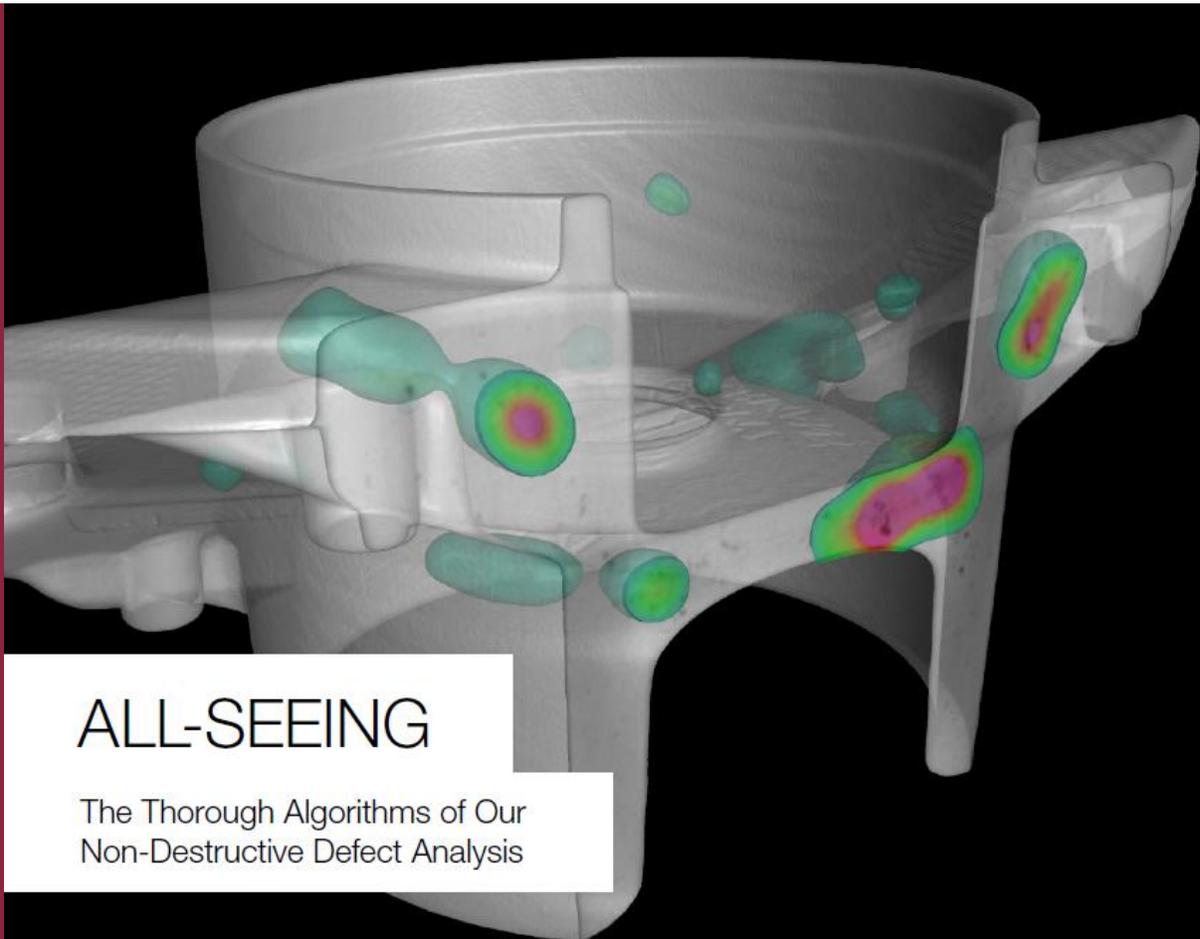
*Last month's quiz – this was a bag full of Mopane worms, a unique South African snack food. The single worm CT scan is shown here to the right. Some more is shown here*

*<https://www.linkedin.com/pulse/worlds-first-mopane-worm-ct-scan-anton-du-plessis/> and more work is planned, watch this space!*

*This month's X-ray quiz:*



*If you know what this is, pop us an email and you could win a free 3D rendering of your data or a cup of coffee (or maybe both at the same time). First correct answer wins.*



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