

CAF CT Scanner facility

More than just a scan

# Invitation: NIR and chemometrics training

CAF spectroscopy offers unique training opportunity: 16-19 September 2014

The CAF CT Scanner Facility and the Department of Food Science has started a very fruitful and close collaboration in X-ray CT coupled with NIR spectroscopy and imaging spectroscopy. Prof Marena Manley is the chair-elect of the International Council of Near Infrared Spectroscopy (ICNIRS) and also the grantholder for the new NEP equipment (nanoCT scanner). The new NEP grant offers the opportunity to launch the new instrument (15 Sept) as well as provide a coupled NIR training event (16-19 Sept).

This event is aimed at post-graduate student training in NIR spectroscopy techniques, applications, NIR hyperspectral imaging and hands-on chemometric training from world-leading experts in the field: Profs Pierre Dardenne and Juan-Antonio Fernandez Pierna.

Special effort will be made in discussing the development and maintenance of chemometric models, and other industry-specific issues. Industrial participants fee is R4500 for the week, excl VAT. Lunches will be provided as well as tea and coffee, but no travel or accommodation is provided. Student participation is free of charge thanks to the NRF support of this initiative.

In order to make the training worthwhile, the numbers are limited to a class of size 16 total. For this purpose all applicants are requested to write a 1-page motivation letter, and participants will be selected based on scientific relevance of this training to their projects and the ability to transfer these skills to others in their environment. Please send this by email to [anton2@sun.ac.za](mailto:anton2@sun.ac.za) before 1 September 2014.

Please send your application letter by 1 September 2014 to [anton2@sun.ac.za](mailto:anton2@sun.ac.za)

For more information on the facilities available see:

[www.sun.ac.za/caf](http://www.sun.ac.za/caf) [www.sun.ac.za/ctscanner](http://www.sun.ac.za/ctscanner) <http://blogs.sun.ac.za/ctscanner/spectroscopy/>

