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● Welcome

We hope all of you are enjoying a relaxing summer! This month's issue will provide an overview of the DataViewer software, which will also serve as a quickstart guide for new users.

● Exploring DataViewer

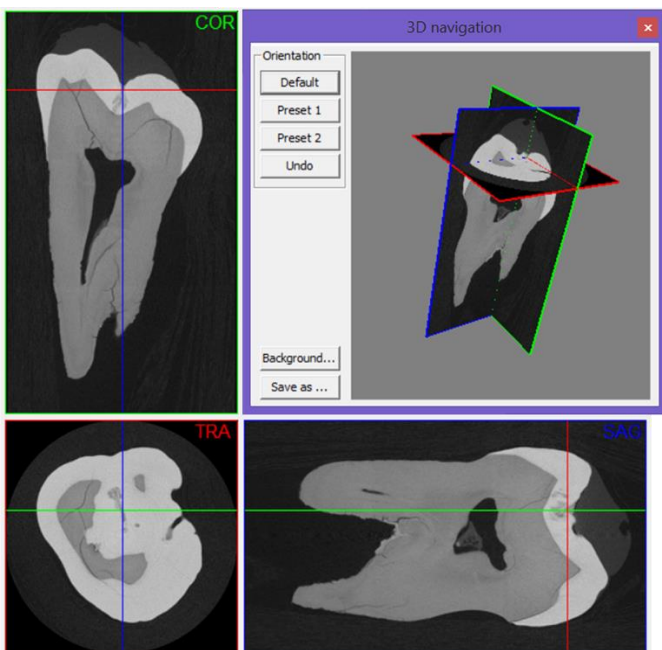
Probably DataViewer is the most commonly known and used software tool for any user of a SkyScan microCT scanner. After successfully acquiring a scan, the dataset is reconstructed, after which the reconstructed images are typically loaded in DataViewer to view or check the data with respect to the overall image quality.

However, DataViewer is more! Over the last couple of years, DataViewer became a powerful piece of software with several additional features besides data viewing. Today, DataViewer allows to reorient, resize and resave data, measure the density and distance between pixels,

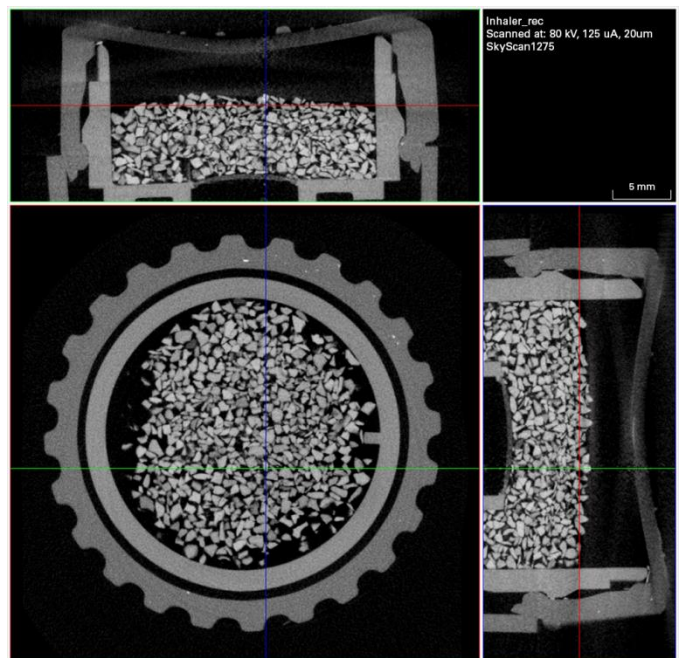
and even contains a powerful tool to register different datasets with each other.

Many of these features might remain unexplored territory. Therefore, we would like to share with you an overview of the DataViewer software. This month's method note, "[MN093_DataviewerOverview](#)", is intended as a quick start guide and will explain you how to use the different DataViewer tools one by one.

DataViewer supports multiple file formats, including non-SkyScan datasets. You can download your copy free of charge from [our website](#).



Human molar tooth with polymer cap, scanned in the SkyScan 1275, 1mm Cu filter and 10.5µm voxel size. A caries lesion is visible in the enamel.



3 orthogonal planes through an inhaler head, scanned in the SkyScan 1275 at 20µm pixel size.

● Upcoming events

Bruker microCT will participate with an exhibit in the forthcoming conferences. Please click the link below for more information. We hope to see you there!

- [IGC](#) Aug. 27 – Sep. 02 Cape Town, South Africa
- [JASIS](#) Sep. 06 – 09 Chiba, Japan
- [WMIC](#) Sep. 07 – 10 New York, USA
- [ASBMR](#) Sep. 16 – 19 Atlanta, USA
- [ICE](#) Sep. 25 – 30 Florida, USA
- [IASLC](#) Dec. 04 – 07 Vienna, Austria

● Image of the month

MicroCT scan of a bee prepared by chemical critical point drying with HMDS, SkyScan 1272 pixel size 2.4 microns. Visualization by Bruker CTvox software.



● Bruker microCT News

- We hope you enjoyed our previous webinar on '*Bone Imaging and analysis with microCT*'. Both the [recording of the session](#) and the [webinar slides](#) are now available for download.

- Our next webinar session will be held on Sep 22nd and focus on the possibilities for characterization of fiber reinforced composites on X-ray microCT. Don't miss the opportunity! [Register here](#).



The SkyScan 1275 is now available with 16 positions automatic sample changer, which can be loaded with samples of different sizes and shapes. It can accept 16 samples up to 50mm in diameter or 8 samples up to 96mm in diameter or any mixture of large and small samples. All scanned samples can be removed or replaced at any time without interrupting an ongoing scanning sequence. [Contact us](#) for more information.

- A user meeting in the United States will be organized by our local business partner, Micro Photonics Inc. on Aug. 25-26 in Virginia, USA. More information please visit [Micro Photonics Inc. website](#).