arivis AG announces new release of the desktop software Vision4D for Analysis of Microscope 3D and 4D Image Data

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MUNICH, GERMANY, GERMANY, October 5, 2018 /EINPresswire.com/ -- The biggest release of arivis Vision4D, with the version 3.0, arivis brings several new tools enabling users to perform image analysis more efficiently. The company demonstrates its competitiveness and attractiveness in their special field of image analysis and image visualization of large datasets.

The leading product of the arivis Platform, consisting of three compatible software solutions

image analysis and visualization

therefore gets an upgrade in a class of its own to make the image analysis fit the experimental task. Supplemented by the Virtual Reality Software InViewR and the Collaboration tool WebView arivis is ready for the future.

"We have been constantly listening to our customers and implemented their specific requirements in several new features to equip them with a strong tool for their daily work" states Christian Götze, Vice President Imaging

"A clean and easy to use user interface shines with straightforward user guidance and make work simple and fast. Based on the arivis Image Core Technology the new arivis Vision4D 3.0 is the ideal software to work with large datasets and get reliable measuring results by means of the unique and flexible arivis Analysis Pipeline."

With the state-of-the-art Direct Volume Rendering techniques and a very efficient use of system resources, arivis Vision4D provides a great user experience when handling very large image data even on regular consumer hardware. The easy to use and interactive user interface together with the fast and flexible rendering engine makes it easy to reveal interesting and fine structures, even in large or complex data sets. Viewing samples with synchronized clipping planes, projections and 4D rendering can help to better understand structure and function. The modularity of the software allows the addition of further image processing and segmentation functions step by step to accommodate user specific requirements.

Advanced measurement and analysis functions like Analysis for image processing and segmentation, Tracking for 3D tracking of moving particles over time, Batch-Analysis for
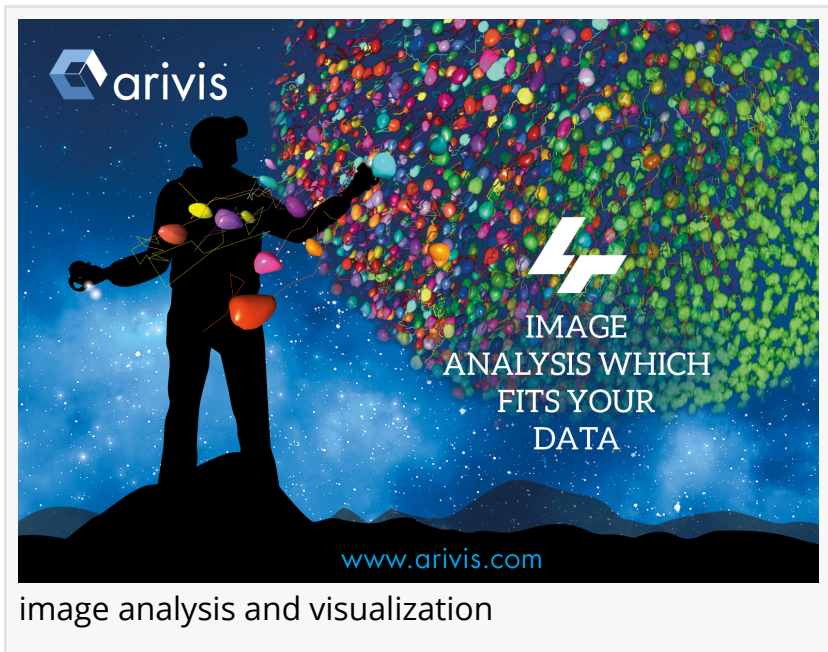
automated scheduling of repeated analysis jobs on several data sets and Colocalization measurements of fluorescent labels, are available to offer a complete 3D and 4D imaging suite with highest performance for data sets of virtually any size.
Therefore Vision4D is a strong tool in research for imaging specialists generating images with high end microscopes working in the field of Cell Biology, Plant Biology, Developmental Biology, Neuroscience and Medical Biology.

More about the arivis Imaging products: www.arivis.com/imaging

Find arivis at Neuroscience!
You can find arivis at the Neuroscience 2018 in San Diego at booth 3114 and the ZEISS boot 2313. Convince yourself of the arivis software solutions and explore the rising trend in Virtual Reality at one of three Software Demo Systems running the VR software arivis InViewR.

More information, including movies, can be found at www.arivis.com/vr

About arivis AG
arivis specializes in big image data and compliance software for the life, health- and material sciences. Its software enables users to visualize, analyze, distribute and manage multi-terabyte sized files and multi-dimensional (2D, 3D, 4D, 5D) image datasets that are created by microscopes or scanners. arivis software solutions also help customers to meet regulatory, quality and compliance requirements in research, clinical trials, approval, and maintenance of medical devices and medicinal products. arivis serves the global life science communities from their headquarters in Munich, Germany, subsidiaries in the United States.

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