Aktualizacja Imaris.

Update Imaris Confocal Standard Package (Obsolete package) version 7.4 (end of maintenance 31.05.2012) to ImarisCore and ImarisMeasurementPro modules version 10.1 (end of maintenance 31.05.2024)

Imaris Update

Imaris is leading the field of 3D and 4D image processing since it market introduction in 1993. By diligent analyzing and implementing countless user request and technological innovations Imaris has constantly grown its capabilities, performance, and market share. Imaris renders 3D and 4D microscopic images with unparalleled quality and speed. In addition to a sophisticated volume rendering system Imaris uses surfaces, and spots to detect and display biological components and lets you interact with individual objects. Users can store the original volume image together with all other components and interactive work done in a scene file. Last but not least: Imaris is compatible with most of the 3D image file formats known in microscopy.

ImarisMeasurementPro provides numerous functions to compute, display, and export statistics of objects. Among the statistics are 3D distance, object voxel intensity, volume, shape factors, and position. Statistics are displayed directly in Imaris upon interactive selection of an object or object groups. In addition MeasurementPro exports all stats values to MS-Excel with a single mouse click. The modules includes a powerful subsystem to sort and classify objects in a postdetection offering more freedom than systems which intrinsically combine detection and classification parameters. MeasurementPro includes a sophisticated component to manually define 3D objects based on contours which is used to segment but also to mask certain regions.

ImarisColoc 10.1 Module

ImarisColoc is an integral module of the Imaris software. It calculates the degree of overlap between two channels in 3D and 4D. The software provides automated support for the selection of colocalized voxels in the 2D histogram or in the image. The software calculate the results in the form of a new channel and in the form of statistical values. 1 year of maintenance included. Requires Imaris.