

# IMARIS

3D/4D Software for Microscopy Image  
Visualization and Quantification

3D visualization & analysis  
techniques in IMARIS  
November 19<sup>th</sup>, 2019

IFSU/IVMSU

Stockholm University

Svante Arrhenius väg 20C, Stockholm

## Agenda

10:30 - 12:00	Introduction to IMARIS: tools for 3D and 4D microscopy image analysis	Room E314
12:00 - 13:00	Lunch break	
13:00 - 15:00	IMARIS Workshop Part 1: Spots, Surfaces and Tracking	IFSU meeting room
15:00 - 15:15	Coffee break	
15:15 - 17:00	IMARIS Workshop Part 2: Imaris Cell and Filament tracer	

To register for the event and for further information, please  
contact Dr. Guergana Dontcheva  
([g.dontcheva@bitplane.com](mailto:g.dontcheva@bitplane.com))



**BITPLANE**  
an Oxford Instruments company

## Seminar and Workshop

# IMARIS: The Ideal Solution to Interactively Analyze Microscopy Images

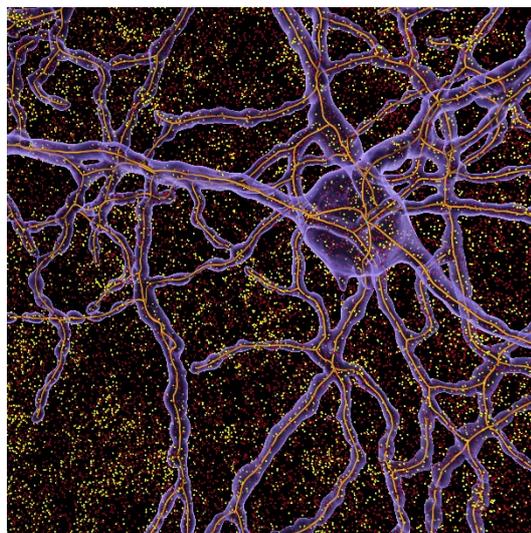
November 19<sup>th</sup>, 2019 at IFSU

(MBW, Stockholm University, Svante Arrhenius väg 20c)

Over the last 25 years **Imaris** has continuously improved upon its visualization technology for **3D/4D fluorescence images** to accommodate for the ever-increasing image sizes while introducing a range of analytical tools for cell biologists, neuroscientists and a wide array of other life science disciplines.

Imaris is a fully integrated platform allowing for the **visualization, image processing, segmentation, analysis, and exploration** of images and their results meanwhile keeping its interface **user-friendly**. The available set of key tools include:

- rendering and segmentation (Spots and Surfaces) of up to terabyte data sets;
- GPU accelerated deconvolution;
- stitching;
- detection and tracking of cells, organelles and filaments;
- colocalization analysis;
- advanced interactive plotting of results;
- possibility of customization via Matlab and Python.



During the workshop there will be computers available with IMARIS software installed and several features of IMARIS will be shown in more detail.

It is also possible to bring your own files, and if you would have a specific image analysis problem, you can upload your files and send them to Guergana beforehand. Image files plus a short description of your files and image analysis question can be uploaded via the following link: [Upload tool](#).

The attendance is free, but seats for the workshop in the afternoon are limited to 20. **Please register with Guergana and indicate whether you wish to attend the workshop:** [g.dontcheva@bitplane.com](mailto:g.dontcheva@bitplane.com)