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Multiuser Workshop arivis and ACQUIFER: where Software Solutions complement Hardware

The workshop will be held as an interactive remote web session in which pre-registered participants are invited to join in by use of any mobile device, workstation & notebook or as a user on the ACQUIFER HIVE.

What's the difference?

One often encountered challenge in various microscopy and imaging pipelines is the growing amount of data, increasing file sizes and the indicative necessity to work on novel solutions in data management and further data processing which can be applied also in the routine research environment. Both companies, arivis and ACQUIFER, work on solutions to overcome the daily routine problems in large image data management and handling.

This workshop will put fast, flexible and time-efficient data management and large image data handling at center stage. The arivis Vision4D software will point to novel routes all the same for single image or batch processing applications and here, making use of the sharing capacities and processing power of a multiuser platform like ACQUIFER's HIVE.

Remote

Web session

Agenda

Thursday May 7

09:00-10:00 am

[Part I: Introduction to arivis](#)

[Presentation and live demo](#)

Thursday May 7

10:00-12:00 am

[Part II: Interactive hands-on training](#)



Part I: Introduction to arivis

Overview on arivis applications and strategies in large data handling, visualization and quantification



Part II: Interactive arivis Vision4D « How to » Training and hands-on demo for routine applications. Image sample data will be shared by arivis prior to the workshop.

arivis Vision4D for applications in Tissue, Organ and Whole Organism Microscopy and Live Cell Imaging includes:

Image pre-processing; Object-Segmentation and Machine Learning; Post-process grouping and relationship description/classification; Object Tracking

REGISTRATION: Please email to mitkovski@em.mpg.de

Please indicate if you would like to participate in Part II, the Hands-on workshop,

There are seats available on the ACQUIFER HIVE and participants can also use their own notebooks/workstations for arivis Vision4D, further information will be provided after registration.

