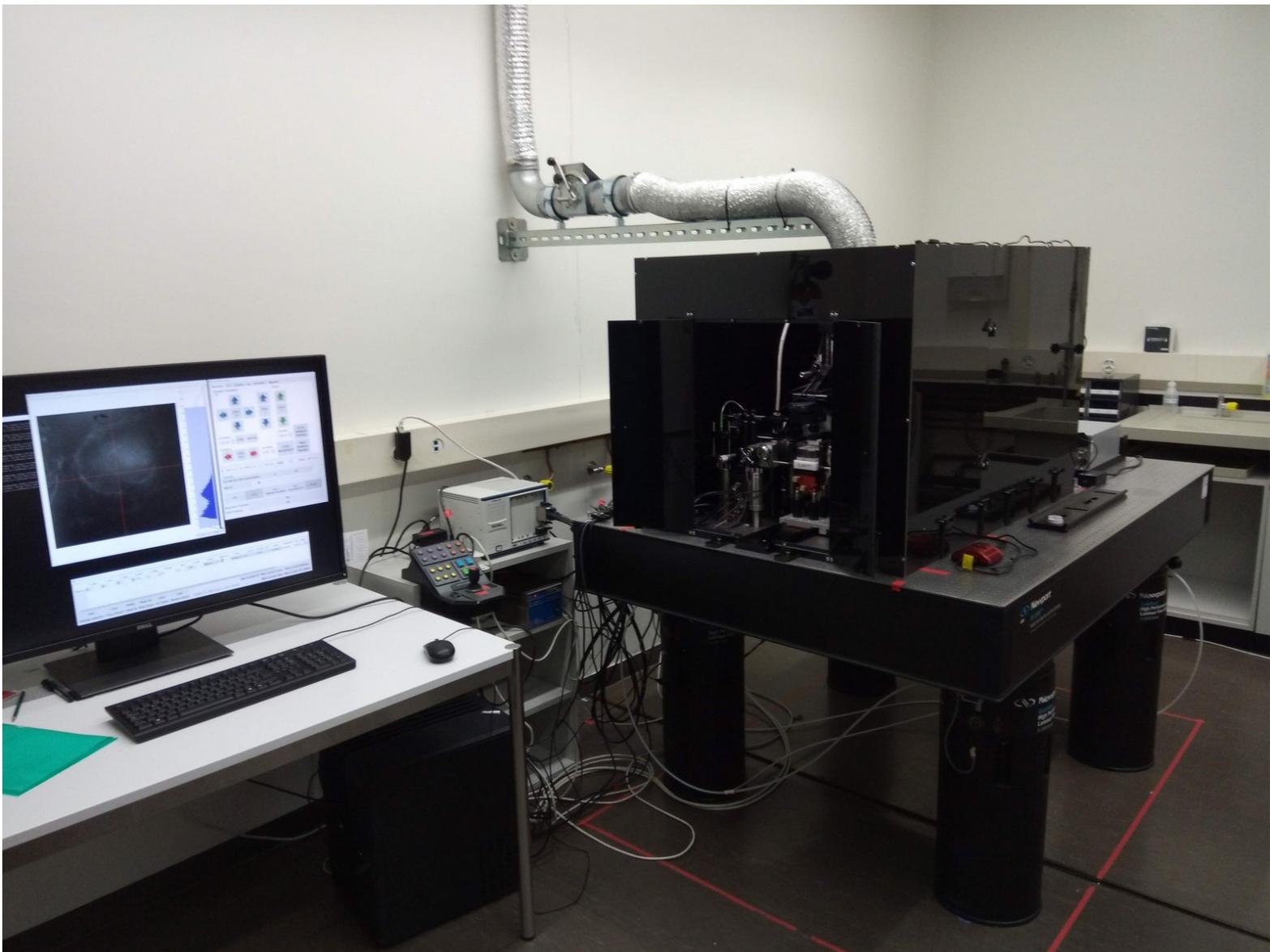


# MesoSPIM Part 3: Recover sample, save data and close session

This guide explains how to take out the sample, save and automatically transfer your data and how to close a MesoSPIM session.

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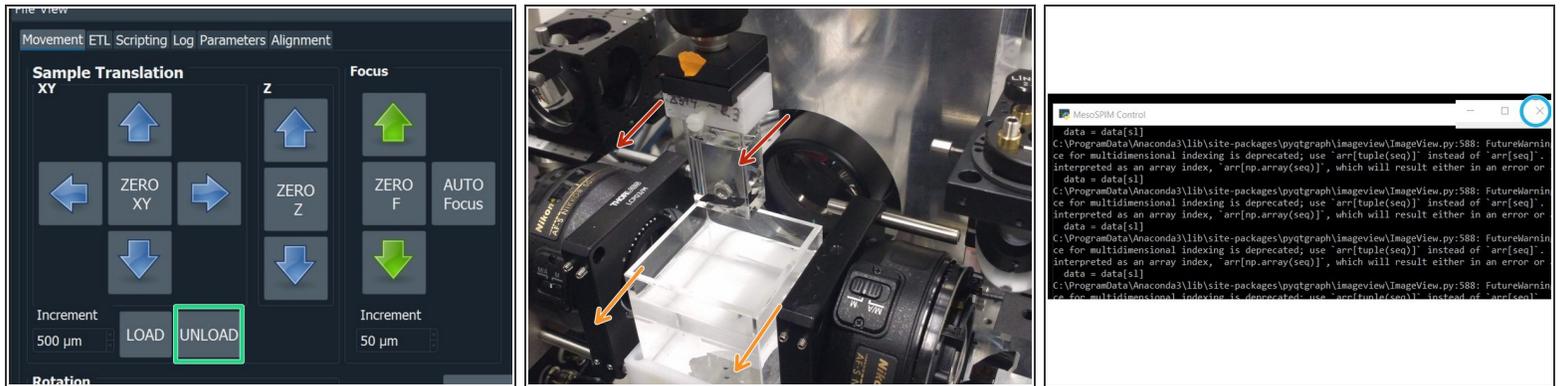
## INTRODUCTION

In this guide you will learn how to recover your sample, save your data and how to close the session at the ZMB MesoSPIM lightsheet microscope.

For a full documentation about the microscope please, visit the project webpage:

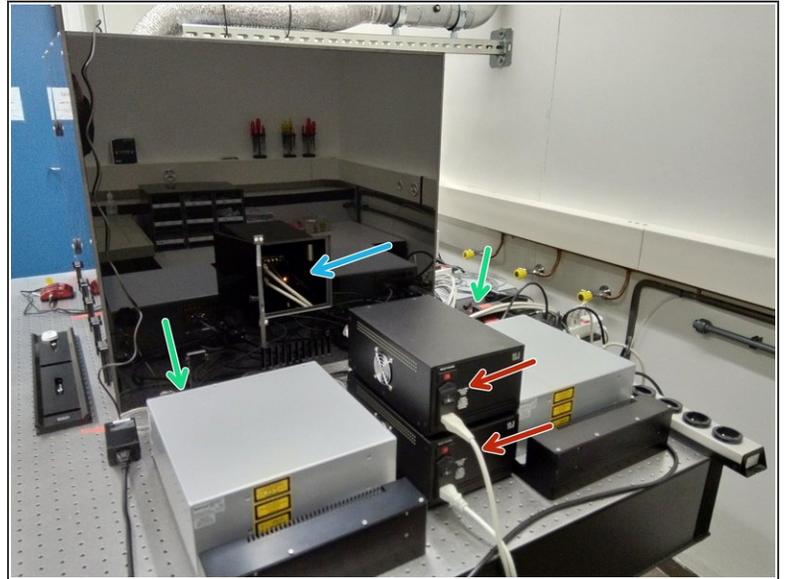
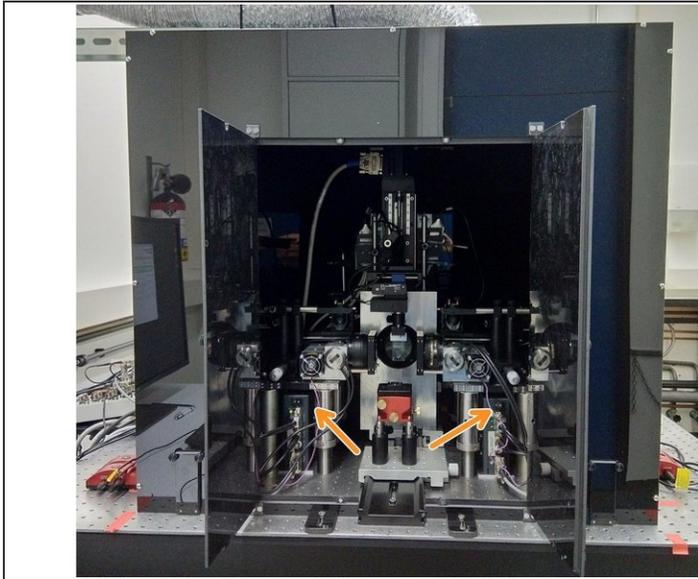
<http://MesoSPIM.org>

## Step 1 — Remove sample and close software



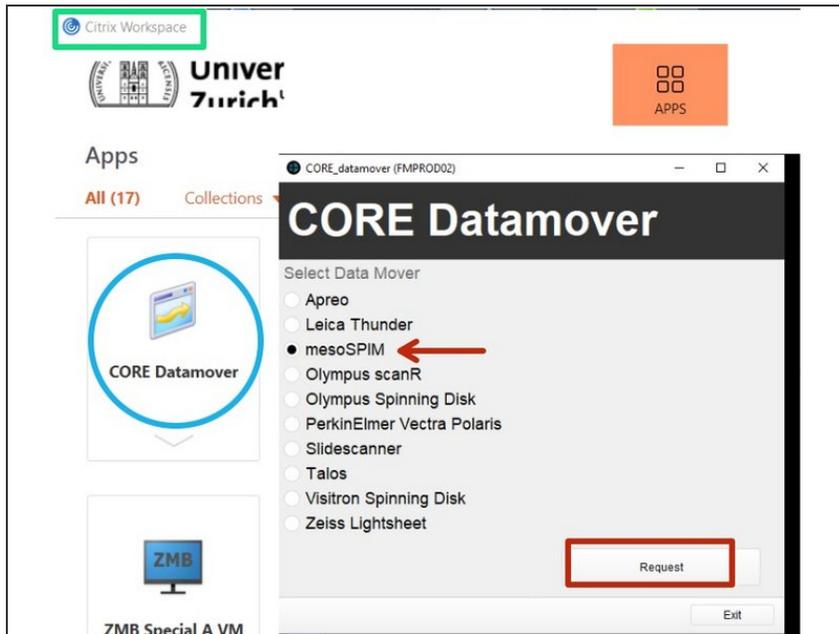
- Click "UNLOAD" to move the sample to the uppermost position.
- Open the doors of the light insulation box (take care of the small slit in between the doors).
- Use a tissue to avoid liquid dropping from the cuvette and take out the cuvette with the sample.
- Move slowly the cuvette holder along the rails. Once away from the lenses take out the cuvette and place it in the hood.
- Close the "MesoSPIM Control" window.

## Step 2 — Switch-off hardware components



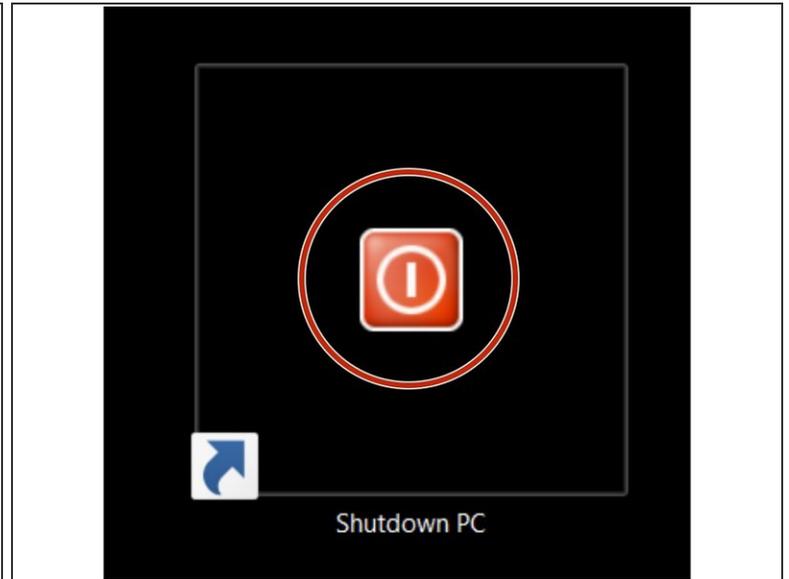
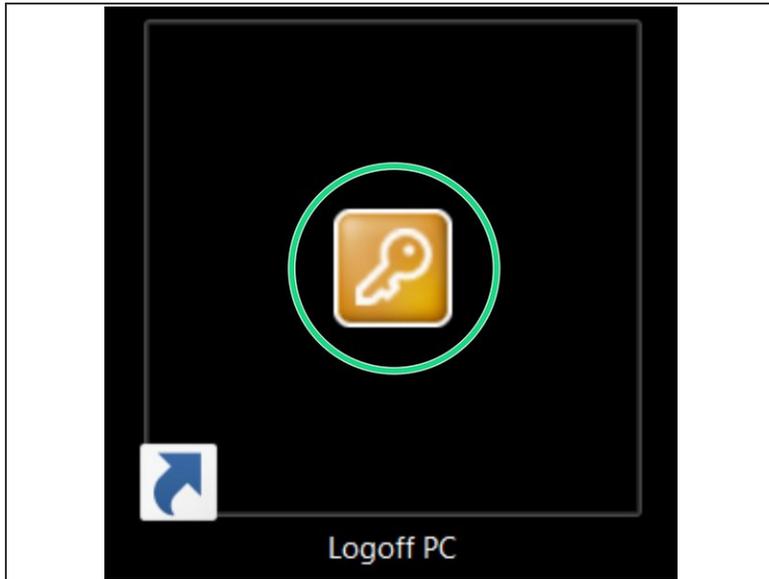
- Switch off the galvo mirrors.
- At the back of the light insulation box open the camera access door and switch off the camera.
- Turn off the two laser keys (left and right).
- Turn off the two galvo power supplies.

## Step 3 — Saving & automatic transfer of data



- i Do this step once you have finished your imaging session and the software is closed. Starting the Datamover while MesoSPIM control is still open can cause data loss.
- Double-check that your acquired data is in the network drive: "DataMover Storage (X:)". If not move your data there before continuing.
- Open Citrix Workspace and log on.
- Select and launch the application "CORE Datamover" (the first start of the application can take up to 3 minutes)
- Select "mesoSPIM" and click "Request"
- i You will get a confirmation that your request has been created. Your transfer job will be queued within 15 minutes.

## Step 4 — Close Session



**⚠** Check in the booking system if there is another booking within the next hour.

- **If YES**
  - **Logoff PC**
- **If NO**
  - **Shutdown computer**