# Leica SP8 inverse (Schlieren) - Part 4: Data saving and instrument shut down

How to leave the Leica SP8 confocal laser scanning microscope located at the Schlieren campus, room WAD-12-K-105 after the recording is finished.

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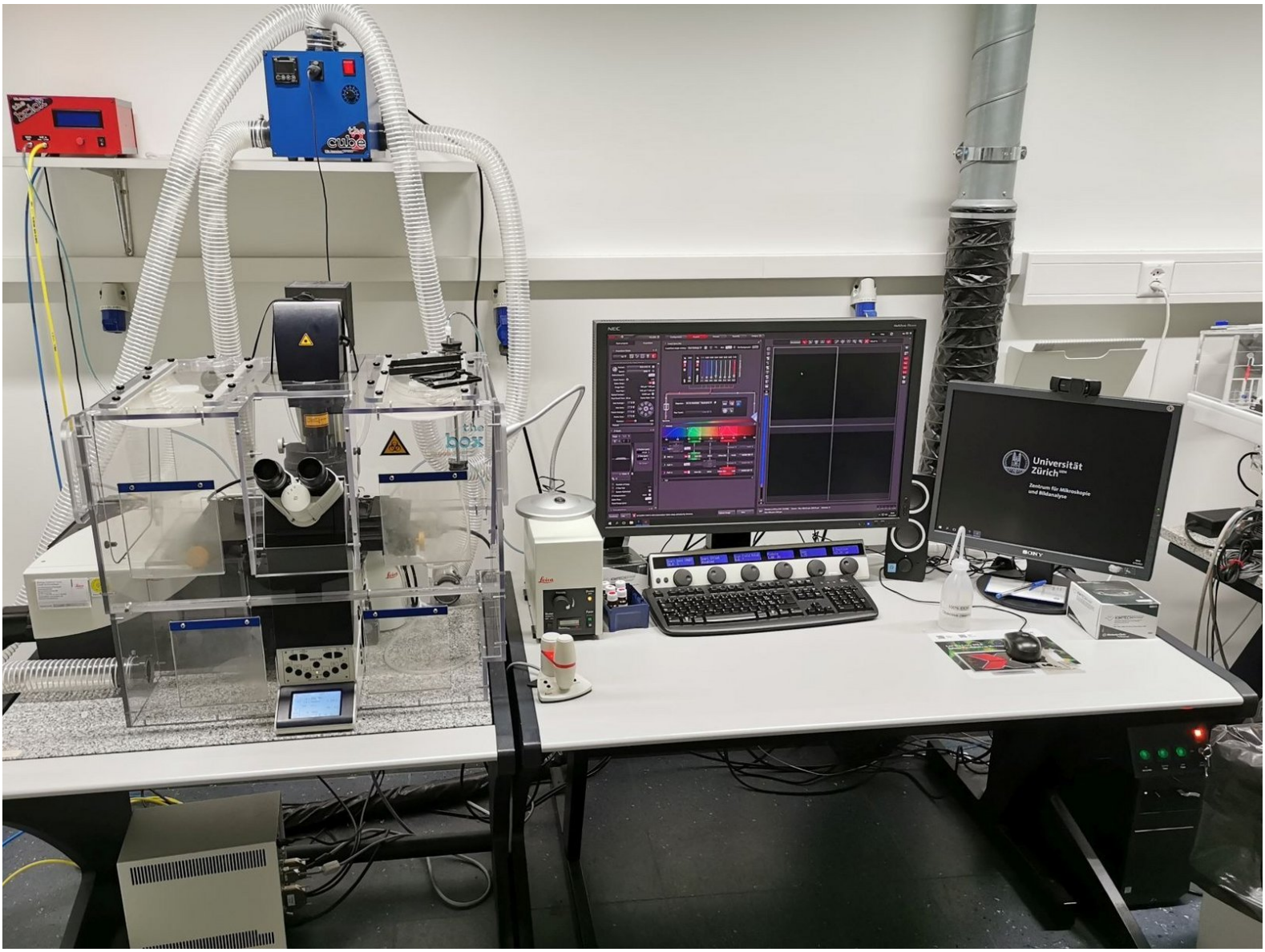


# INTRODUCTION

How to save your data and log off or shut down the Leica SP8 confocal laser scanning microscope located at the Schlieren campus, room WAD-12-K-105 once you are done..

Please find detailed information about the system setup here.



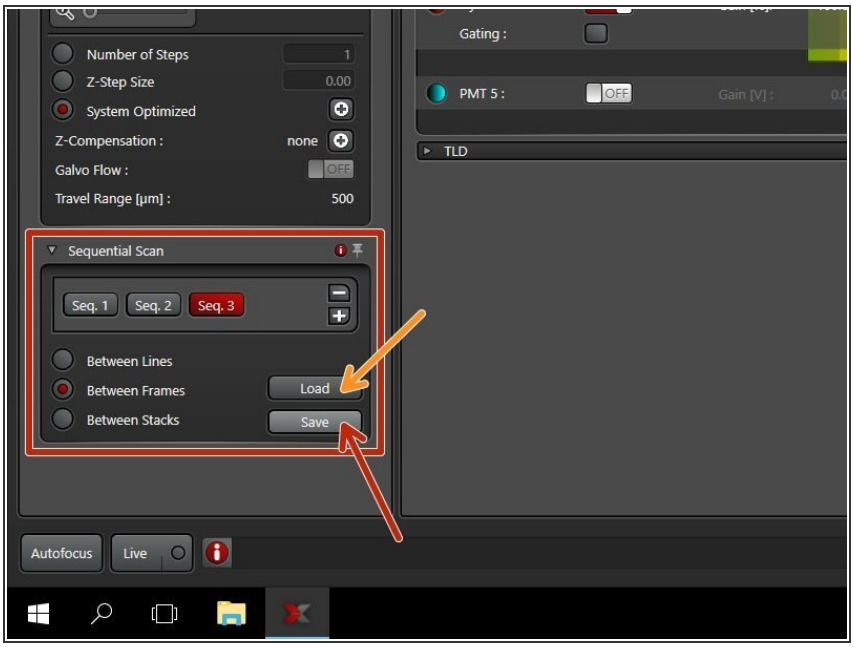
## Step 1 — Saving your data


- Go to "**Open Projects**" tab.
- **Save your data** by either
  - right-clicking on the "Project"
  - using the "Save All" icon on top
  - or clicking the save sign behind the "Project"

Save your data on your core storage (network path: "**files.core.uzh.ch**\").

*Please follow our instructions here on how to access your data.*

## Step 2

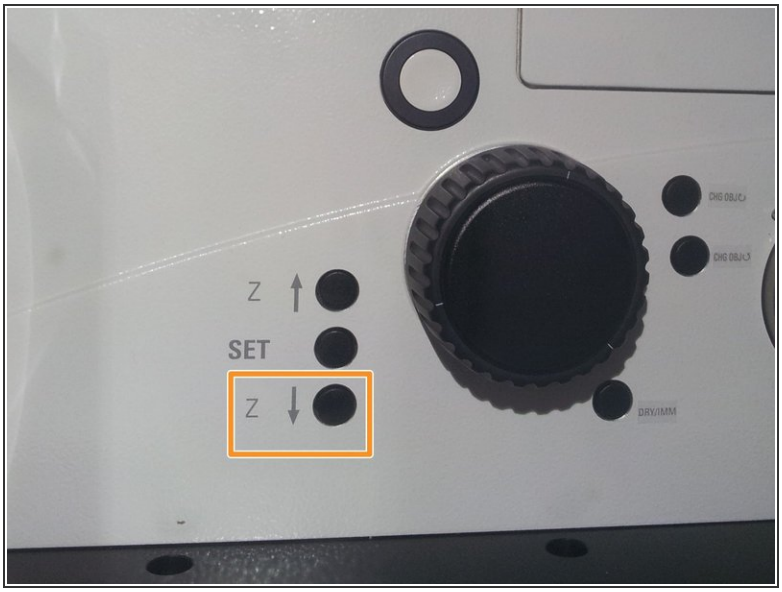



*You can save your settings and reuse them by loading them in your next imaging session. By default the following settings will be loaded: laser intensities, detector settings, averaging and accumulation settings.*

- **Save your sequential scan settings** if you want to reuse it (use **"Home" directory** on the server).
  - In your next imaging session you just need to **activate** "**Sequential Scanning** " and click "**Load**" in order to retrieve your scan settings.

Alternatively, you can also **import** a previously recorded **LIF file**, right click an image and select "**Apply image settings**".

## Step 3 — Cleaning



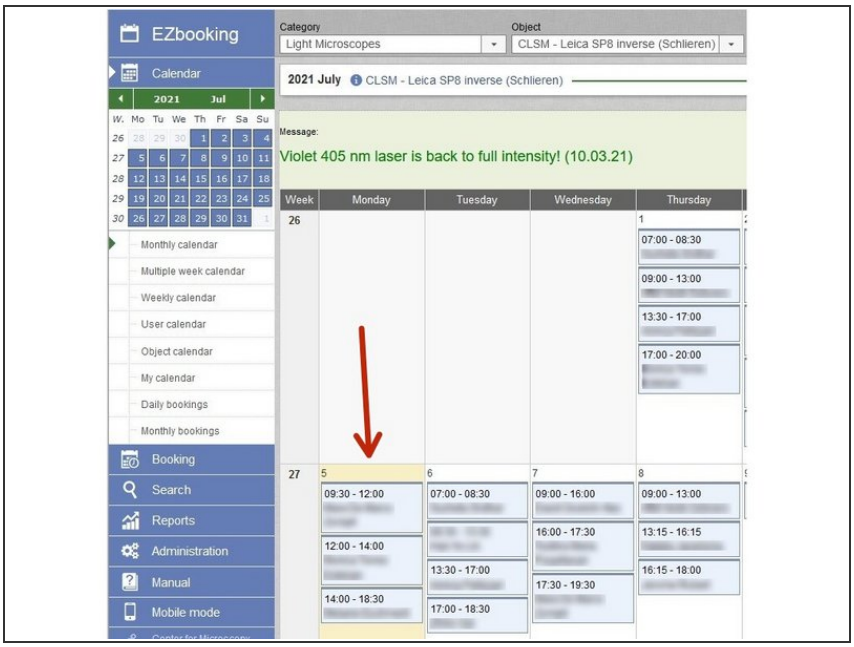


- **Lower the objective** and remove your sample.
- Clean the immersion objective(s) you have used with the available " **KIMTECH" wipes and 100% EtOH.**

⚠ Always clean the lenses in concentric circles and from the center to the edge. Clean also the sides of the objective(s).

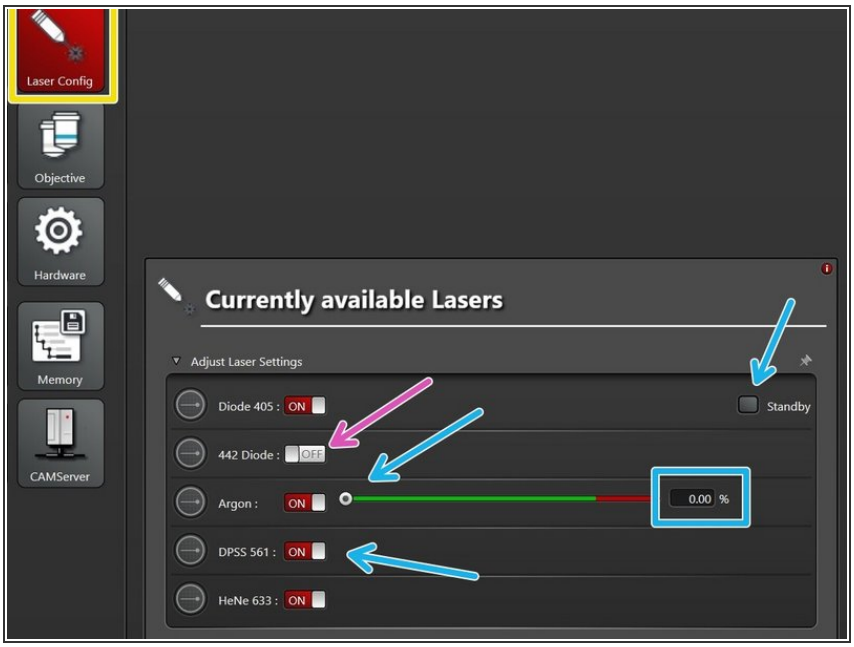
Please also take care that immersion media has been cleaned off from all the other microscope parts which got in contact with.

## Step 4 — Check booking system




- Check the booking system if there is another user scheduled within the next 2 hours.

## Step 5 — Lasers and closing the "LAS X" software

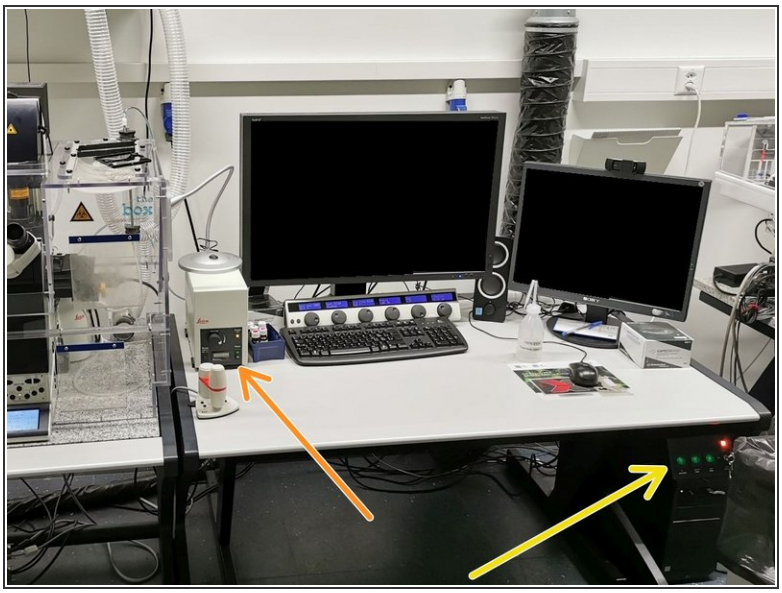


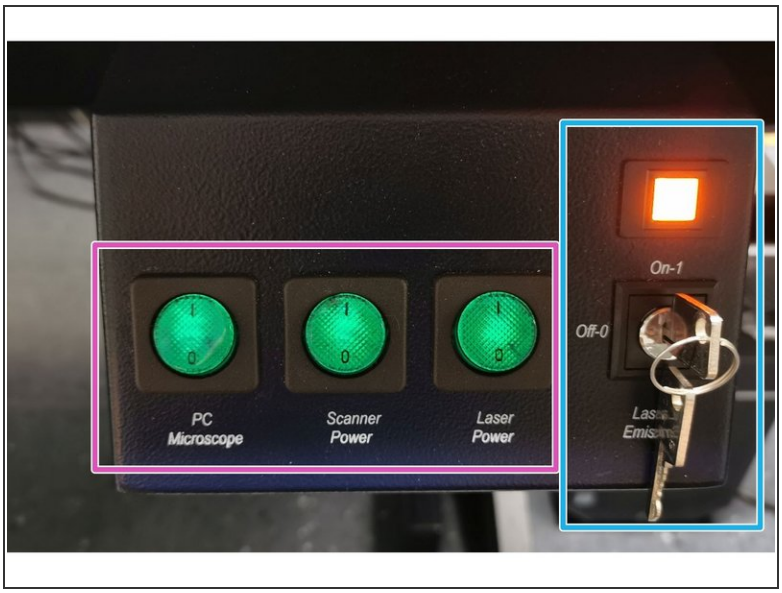

- Go to the "**Configuration**" tab and choose "**Laser Config**".

⚠ Does the booking system indicate another user within the next 2 hours?

- If **YES**
  - keep the **lasers ON** or put on **standby** and reduce **Argon** output to **0%**
  - **close** the "**LAS X**" software and **Sign-Out** of the Windows profile
- If **NO**
  - switch **OFF** all lasers
  - **close** the "**LAS X**" software, **shut-down the PC** and follow the next step

## Step 6 — Switch OFF hardware






⚠ Only follow this step if there is no booking within the next 2 hours.

- Switch-OFF the **fluorescence lamp**
- On the **main switch board**
  - turn the "Laser Emission" key to "Off-0"

⚠ **Wait** for **5 min** to cool down the lasers

  - Finally switch OFF the "**Laser Power**", "**Scanner Power**" and "**PC/Microscope**" using the corresponding buttons