Leica SP8 inverse (Irchel): Shut down

How to shut down the Leica SP8 inverse laser scanning microscope located at the Irchel Campus, room Y55 - K-41.

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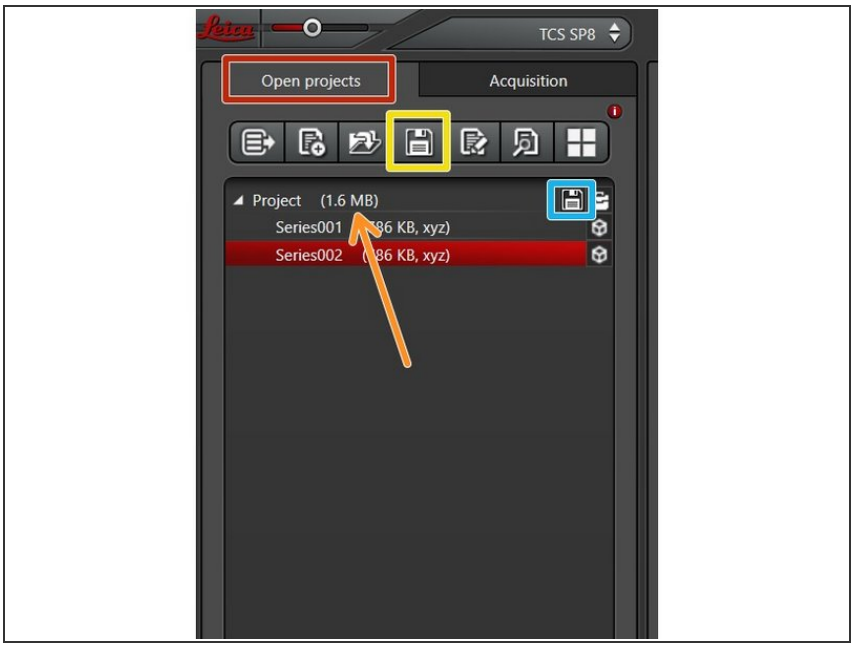


INTRODUCTION

In this guide of the Center for Microscopy and Image Analysis we show how to shut down the Leica SP8 inverse laser scanning microscope located at the Irchel Campus, room Y55 - K-41.

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Step 1 — Saving your data

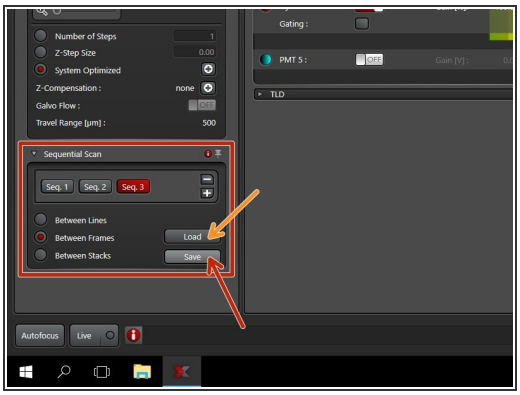


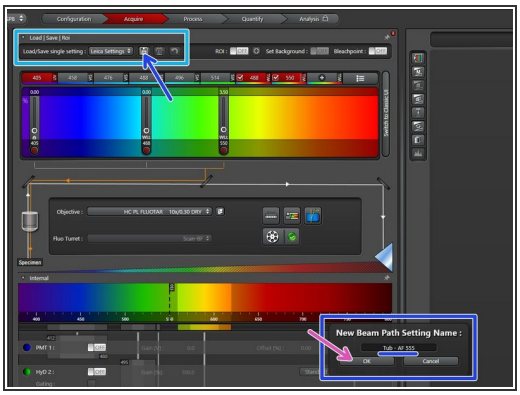
- Go to **"Open Projects"** tab.
- **Save your data**
  - by either **right-clicking** on the "Project",
  - using the **"Save All" icon** on top,
  - or clicking the **save sign** behind the "Project".

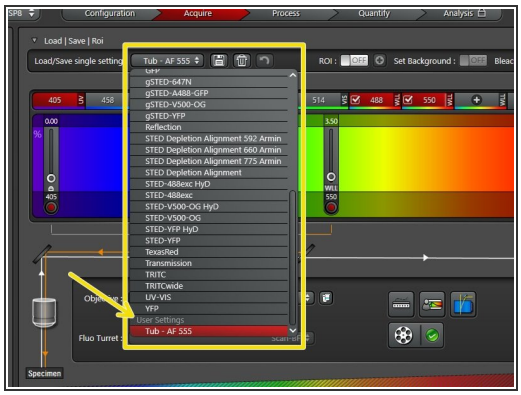
Please save your data on your core storage (network path: **"\\files.core.uzh.ch\"**).

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

Step 2 — Saving your settings







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 applicable.
  - In your next imaging session you just need to **activate "Seq"** and click **"Load"** in order to retrieve your scan settings.
- To save only **single channel settings**:
  - Click the **"Save-Sign"** and choose an appropriate name for saving.
  - Click **"Ok"**.
  - You can now find your single channel setting under **"User Settings".**

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Step 3 — Cleaning

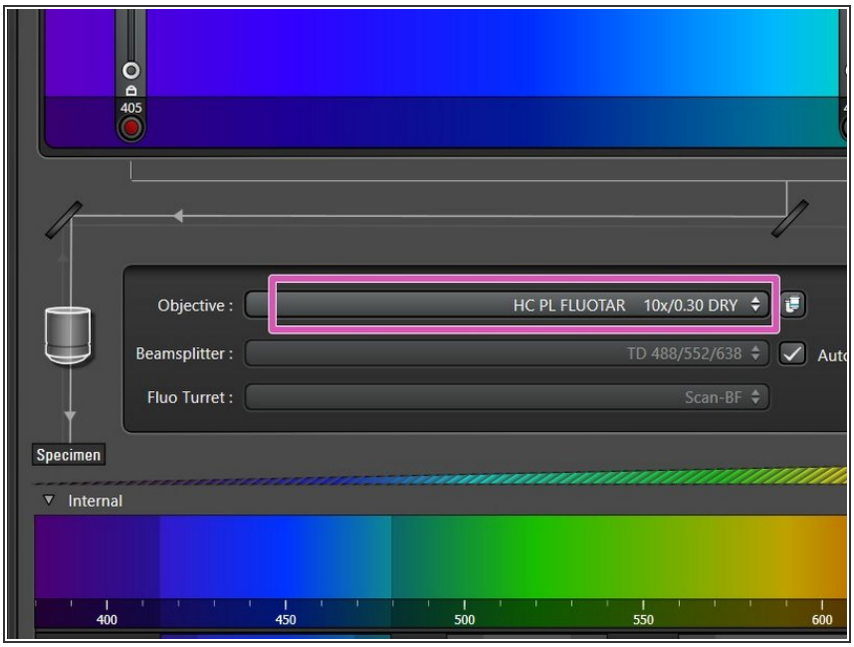




- **Lower** the **objectives** and remove your sample.
- **Clean** the immersion objective(s) you have used with the available **"KIMTECH" wipes** and **100% EtOH**.

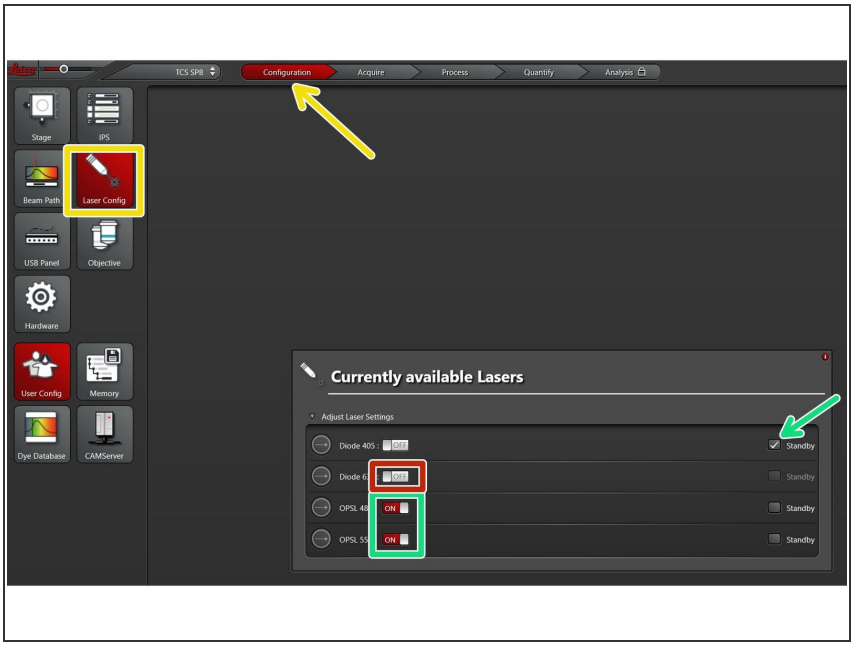
  ⚠ Always clean the lenses in concentric circles and from the center to the edge. Clean also the sides of the objective(s).
- *Please also take care that immersion media has been cleaned off of all the other microscope parts which got in touch with.*

Step 4 — Switch to the 10x objective



- Switch to the **10x dry objective**.

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



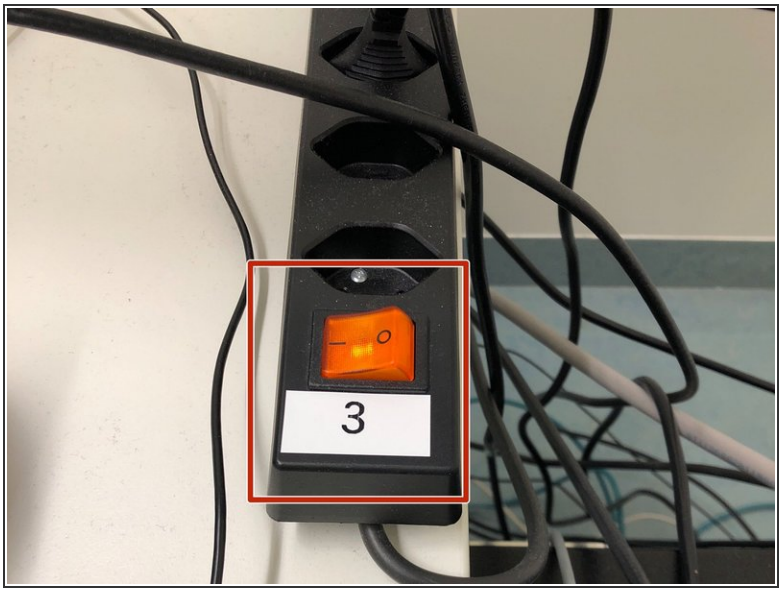
- Go to **"Configuration"** and choose **"Laser Config"**.

⚠ Check in the booking system if there is another booking within the next 2 hours.

- If **YES**
  - keep the lasers **ON** or put on **standby**,
  - **close** the **"LAS X"** software and **Sign-Out**.
- If **NO**
  - switch **OFF** all lasers ,
  - **close** the **"LAS X"** software, **shut-down** the **PC** and follow the next step.

Step 6 — Switching-OFF hardware





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

- Switch-OFF the **fluorescence lamp (1)**.
- Switch-OFF the **main power switch (3)**.