

1. TURN On the System

- **Cover all components with the plastic wrap according to the laid-out instructions!!!**
- Turn on the **HXP Lamp** , Press **#1**
- Turn on **Main Switch #2**
- Turn on the **Systems/PC switch** - **wait** until touchscreen boots **#3**
- Turn on **the Components switch #4**
- Turn on **Power supply Computer and Monitors #5**
- Turn On **Computer #6**
 - **If used:** switch **2 Photon laser** on (turn the key from pos. **Standby** to **On**) **#7**
- **Fill out** the log sheet **Log in** with **your LIC User ID** and **Start ZenBlack** Software
- **Open** the **“Acquisition”** tab and the **“Laser”** tab to **turn on the lasers you need, 405 is always on**
 - **Note** that Argon and multiphoton laser lines take a while to turn on. You can follow the warm up progress by selecting the laser you are using and the Laser Properties below.

2. TURN Off the System

- **Clean** any oil/glycerin/water objective you used: Suck off fluid with grey Kleenex box tissue, clean objective cautiously with cotton swab using the waterfree ETOH.
- **Finish filling out** the log sheet, **Save your data** in your **personal folder**, **No saving on your desktop!**

If someone is scheduled within the next 2 hours - check the bookings in the LIC Booking Calendar

- **Open** the **“Acquisition”** tab, **turn off any laser that won't be used by the next person**
- **Exit ZEN software.** Close all open windows
- **Log OFF** from your **user profile**, but **do not turn the computer off.**
- Leave everything on (PC, scanner, lasers, fluorescence light source...).

If you are the last person of the day or nobody is using the system for at least 2 hours -

- Open the **“Acquisition”** tab and set **all Lasers** to the **OFF** position.
- **Exit ZEN software** – wait about 10 seconds and **shut down** computer in Windows software
- **Shut off** the computer **#6**
- Shut off **Power supply** Computer **#5 only after computer has finished shut down**
- Shut off the **Components switch #4**
- Shut off the **Systems/PC switch #3**
- Shut off the **Main Switch #2**
- Shut off the **HXP Lamp** , **#1**

3. End off using the microscope room and leaving the LIC Area

- **Remove all your waste** as samples, slides, cover slips or paper, throw it in the appropriate waste bin, **Disinfect your hands with 70% ETOH still having the gloves on!**
- **Remove the plastic wrap from all components (waste) – again disinfect the hands/gloves!**
- Use kitchen tissue with **70% ETOH** to **clean focus knobs, table and other surfaces, joystick...**
- **Leave the Microscope Room, always close the door!**
- **Last step** at the main exit of the LIC: **Take off your lab coat**, leave it in the coat bin, **take off your face mask** (throw **one way masks in the provided bin**), **take off your gloves** (throw into trash bin), and **use the hand disinfectant or wash hands.** Main exit door stays open!