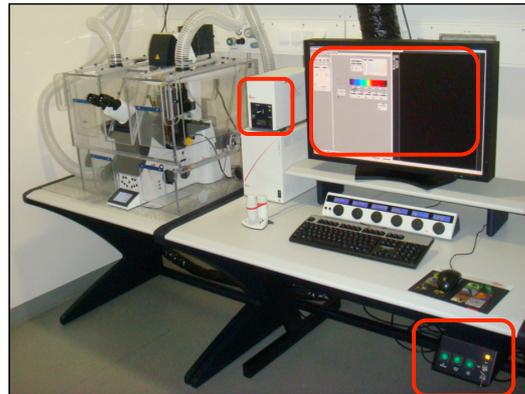


SWITCHING ON&OFF Procedures of the Leica SP5

The only switches needed for switching the system ON & OFF are located [here](#):



SWITCHING ON:

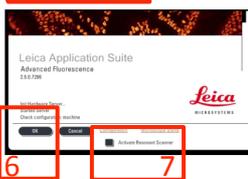
Follow the order!



- Switch ON the **PC Microscope** main switch (1) and wait 10 s.
- Next, switch ON the **Scanner Power** (2), wait 10 s, and then the **Laser Power** (3).
- Turn the **Laser Emission key** (4) from the Off-0 to the **On-1** position to start the lasers.



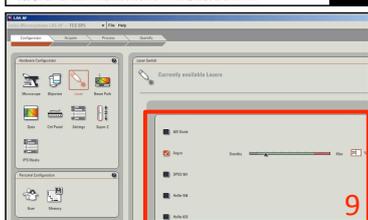
- Log in via User Account, wait 30 s, and start Leica LAS AF application software by double-clicking this desktop icon (5).



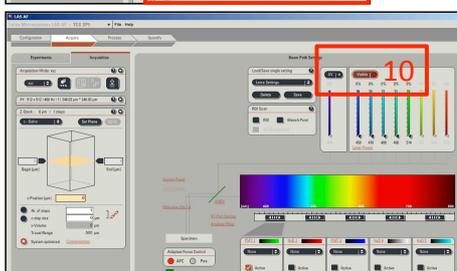
- Start the Leica Application Suite (6) and, only if needed, activate the Resonant Scanner (7) for very fast scanning applications.



- Initialize the stage (8) only if necessary (e.g. for multiple locations or mosaic imaging). **Make sure to have condenser and objectives out of the way of the moving stage!**



- Activate all lasers needed (9) in the 'Configuration' menu.
- **Set the Argon laser to 20 %, NOT higher!**



- Activate the AOTFs needed (10) in the 'Acquire' menu, set imaging parameters and start image acquisition.

(Optional)

- Switch ON the main switch (11) of the epifluorescence lamp for eyepiece observations.



- Switch OFF the lamp (11) at any time when not needed anymore. Wait at least 20 min in between OFF/ON cycles.

SWITCHING OFF:

- Exit the LAS AF software and shut down the computer. Switch OFF the **PC Microscope** (1) and the **Scanner Power** (2) switches. Turn the **Laser Emission key** (4) from the On-1 to the **Off-0** position.
- **Wait (at least) 20 min to switch OFF the Laser Power (3)!**