

Verdi & Mira : switch on/off

Switch on

- Open main valve nitrogen cylinder. The nitrogen flow rate should be in the green area
- Switch cooler on
- Laser interlock on
- Main switch on wall on
- Mira shows error message. Press : 'Menu exit'
- Verdi power to 4.5 W
[4.5 is fine for the fiber (820 nm). For difficult wavelengths 5 W may be needed]
- Key Verdi -> on
- Press : 'shutter open'
- 2nd unit : CW switch -> CW
- Monitor laptop on. Start program YawCam
- Spectrum computer on
- Power meter on
- Wait 15-30 minutes

* See also document : "Mira - Optimize power - HowTo".

* Please write the power down in the log booklet.

Switch off

- Block the beam to the photonic fiber
- Paper before pulse picker down
- Turn power of Verdi back to 4.5 W
- Key Verdi -> Standby
- Laser interlock off
- Main switch on wall ("mira 900 hoofdschakelaar") -> off
- Cooler off
- Close main valve nitrogen cylinder
- Spectrum computer off. At the end, it needs a **manual** shutdown with the power button.
- Power meter off