

To to list in maintenance days (Sep. 23 to 25)

1. Realignment of 9-pass amplifier, including adjustment of oscillator and Jade laser, bring the output power back to $>300\text{mW}$.
2. Increase the power output of booster amplifier to $>150\text{mW}$.
3. Replace the damaged small grating on the probe line compressor, realign the compressor, make the pulse duration $<40\text{fs}$.
4. Setup a half waveplate and high power thin film polarizer to limit the input pulse energy to small compressor to 20mJ .
5. Replace the lamps in Continuum laser.
6. Setup computers and electronics on the workbench.