

In attendance: Francois and Tibi

Date: 21 Dec, 2011

Location: Tibi's house.

A work party on electronics and wet silver coating in a drop.

[Electronics](#)

[Chemistry](#)

Electronics

We need

- Driver circuit for the laser.
- Integrate the photodiode circuit with the laser driver circuit.
- Integrate the detection and laser driver circuit to LabJack and test everything.

Francois made an inventory of all parts we have to build [the laser driver](#).

parts we have

- 35 V 47uF capacitor
- 100 ohm potentiometer

needed parts

- 2 x LM317 adjustable voltage regulator
- 10 x 1N 4001 diode
- 2 x 35 V 47uF capacitor
- 2 x 100 ohm potentiometer
- 2 x op-amp UA741

We could not reach the [electronics store](#) before closing hour, we switched to Chemistry.

Tibi also worked on the lists of Materials.

Chemistry

Optical fiber wet coating in a drop. See [Chemical Silver Coating](#) document for details.

Ultimately the goal is to perform the chemical deposition while monitoring the mirror formation

with the Mosquito, see the **analyser** in the [Device for silver wet coating for single optical fiber](#) document.
[See photos.](#)

Francois arranging the fibers before coating



Lessons learned

...