

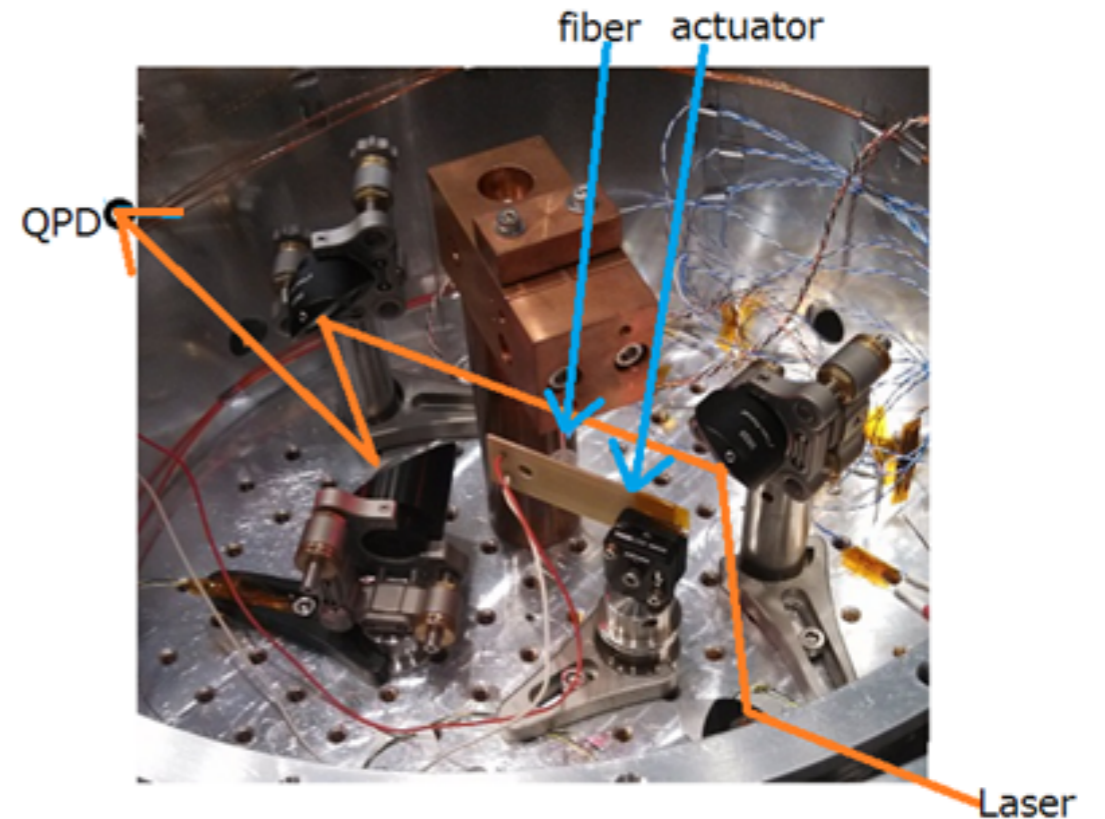
My work in 2015

4-1

Hiroki Tanaka

Q measurement

- We set up like this.
- We found the peak in room temperature.

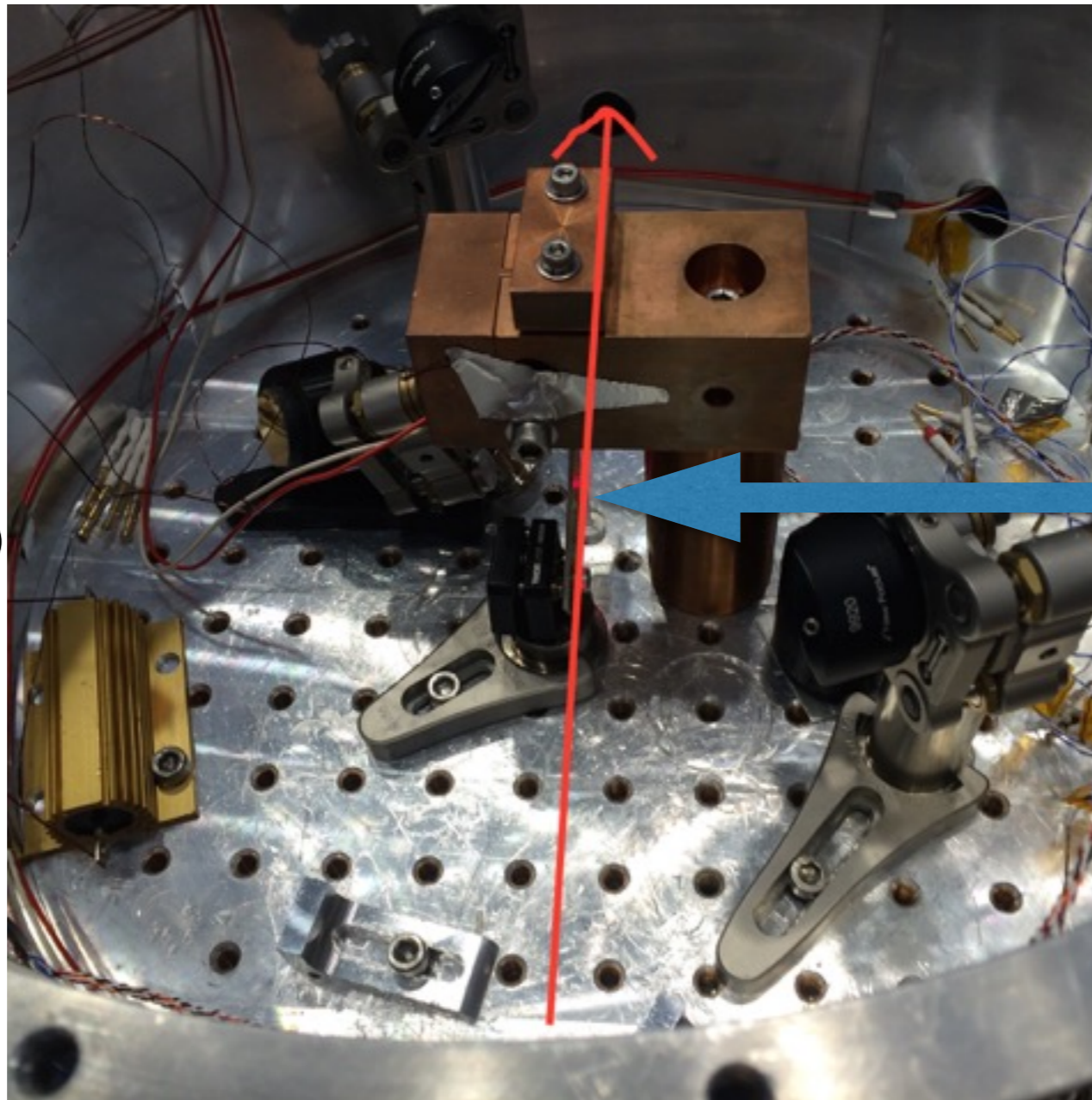


Q measurement

- We cooled down the cryostat.
- The shadow of the fiber disappeared at 220K.
- Perhaps it is because the mirrors and the poles of them are constricted during the cooling.
- We removed four mirrors.

Q measurement

- setup



fiber

Q measurement

- The shadow disappeared again!
- I found the fixture of the pillar was loose, so I fixed the pillar very tightly.
- I cooled down the cryostat again today.
- I will learn ANSYS and mathematica from this week.