# Paperwork

* “Welcome, thank you for participating’’
* Covid screening
  + “Do you have any cold symptoms?”
* Data protection
* Consent form
  + “Pretty standard, nothing dangerous, the tasks are just about learning relationships between images”
  + “you need to know you can ask for the experiment to stop at any time”
* fMRI screening
  + “Did you fill the front of the page (name, height, weight…)?”
  + “So, to sum up quickly, fMRI works with a magnet that allows to take pictures of your brain”
    - “and as for a picture, if you move, it will be blurry, so you will have to stand very still during the experiment, you shouldn’t move your head”
  + “Also it is completely safe, it doesn’t have any effect on you, IF you don’t have any metal on your body: so are you sure?”
    - “do you maybe have a permanent retainer behind your teeth?” (fillings and implants ok)
  + “Okay, so you will be lying on your back, you will see a screen through a mirror, and you will have a button-box to do the task that is shown on the screen.”
    - “You should not move except your fingers to answer the task”
  + “While the scanner is running during the task, it is noisy, so you will have earplugs.
    - Also I won’t talk to you during the scanning, but between each phase of the task I can hear you, and I will talk to you”
  + “so the course of the experiment
    - “1st you have a quick scan for getting the position of your head”
    - “then there will be the experiment, it is 4 phases of approximately 8 minutes, and the scanner is running during each phase”
      * “there will be a pause where we will talk between each phase”
      * “but even during the breaks, you need to stay still!”
    - “And finally there will be another couple minutes to get the anatomy of your brain”
    - “It should be approximately one hour in total”
      * “and during all this time you need to stay still or we can’t see the activity correctly”

# Preparation for scanner/experiment

* Practice run outside scanner
* “You should try to go to the bathroom now, because you won’t be able during the xp”
* Check again for metal: belt, keys, phone, bra! (shoes ok)
* Prepare physio (put plastic box in belt thing, prepare the one for finger
* Prepare button box (out of the cupboard, wire under the thing)
  + Show it to participant
* Show the alarm thing to participant and PRESS IT
* Participant
  + Earplugs
  + Lie them down
  + Put things in their hands
  + Cushion under legs
  + Put blanket
  + Cushions around the head
  + Put head coil and mirror
  + “Adjust the mirror so you see al edges of the screen please”
  + “Don’t cross your legs”
  + “Stay still!”
* Get the table up and align the laser thing
* Get them slowly in
* Get back to the station and talk to them again
  + “are you okay? You need to stay still now”
  + “When I ask you this question, please do not nod!”

# Scan

Software

* Register participant
  + Name: just put my code + participant number
* Select my sequence in the folder under my code
  + Move scans I want to do to the left box
  + Double click on scan – click on ✓ – click on continue
* Show nature video to the participant
* “1st scan 14s prepare for the noise”
* “second short scan, this is a different noise, the same you hear during the rest of the experiment”
* “okay we will now start the first phase, it will last 10 minutes”
* “so every 2 min approximately, the scanner stops and restarts, it’s totally normal”
* Between each phase
  + “are you okay? You need to stay still”
* Look at fmri images live