

# Mixed Reality Learning In Microfabrication





Virtual

World



Physical Reality

Augmented Reality

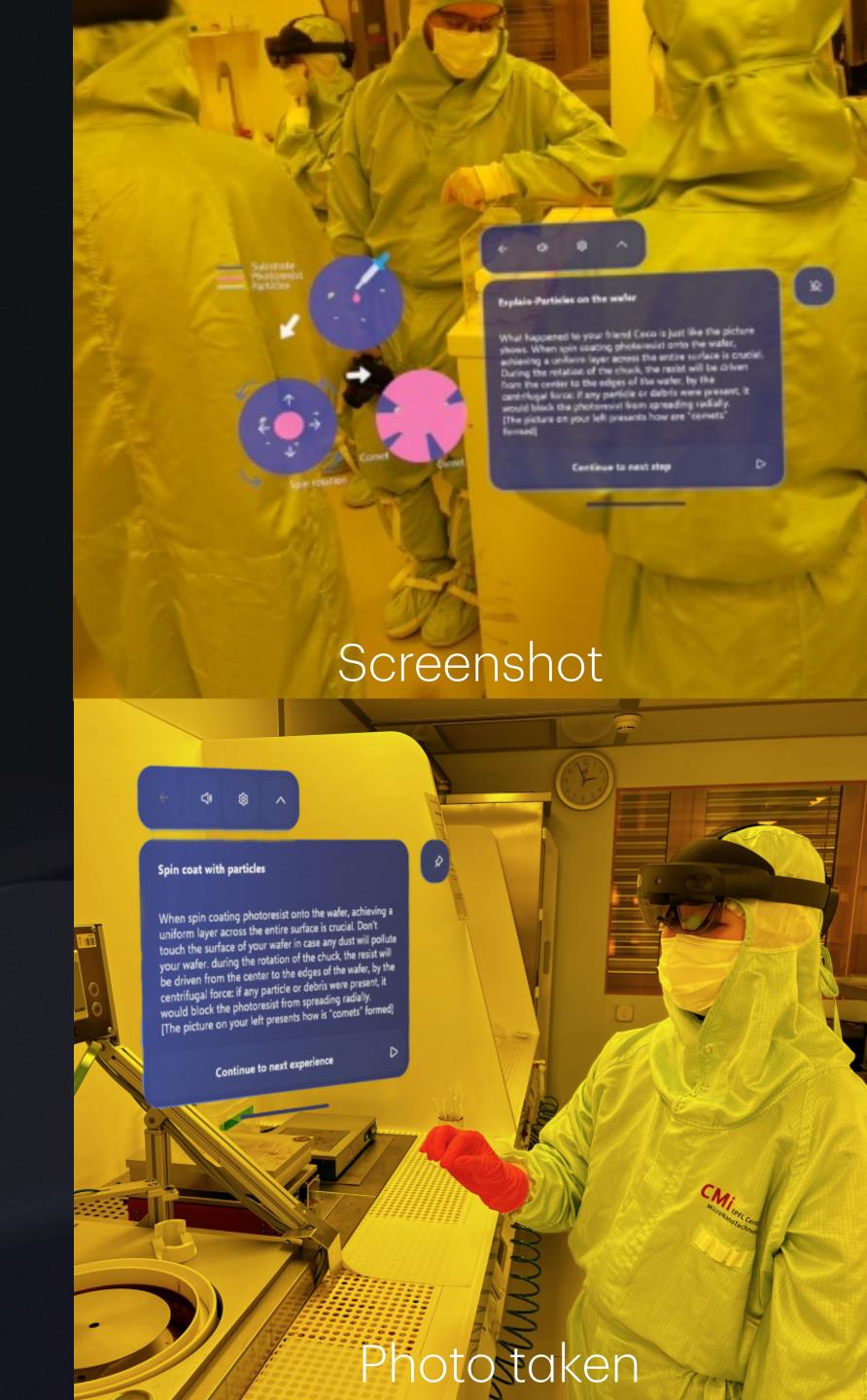
Virtual Reality



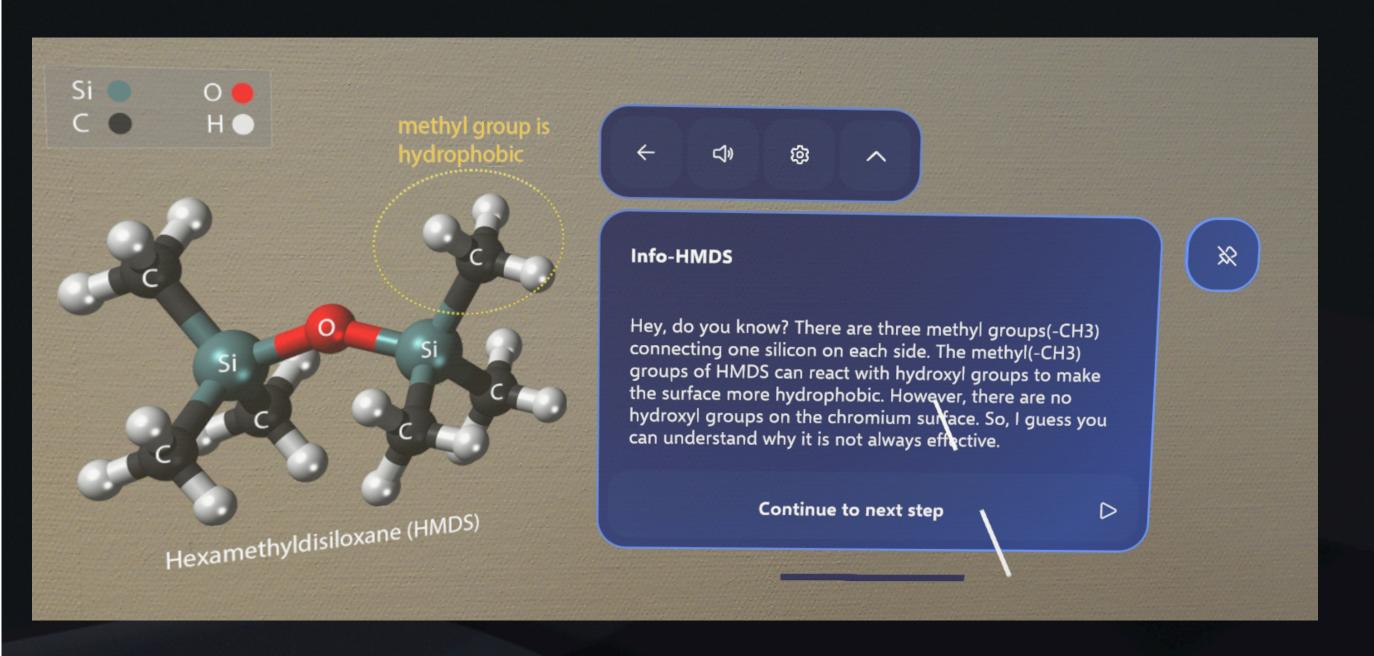
## What will you get from the MR experiment?

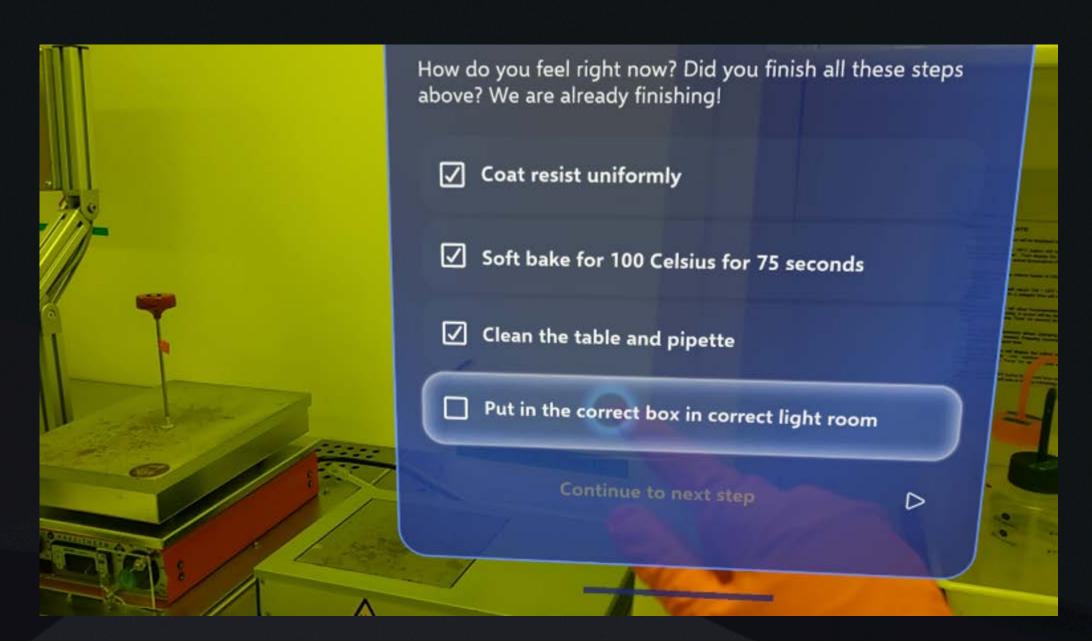
- Mixed Way of learning photolithography in both virtu al and physical space
- New opportunities for learning from mistakes, visua lization, interactions, inquiries
- Personalized speed for the learning process and steps
- Independent evaluation of your knowledge
- Chocolates:)....





### What will you get from the MR experiment?





Screenshot

Screenshot



#### Your Privacy Matters

- You can join the experiment anonymously
- Your grades are independent of this study, the assessments during the training will be used for research only.
- I will NOT give the academic evaluation
- Personal data collection with consent (Ethical approval HREC000439, EPFL)





#### How can I join?

Scan the QR code!



The pre-training aims to get familiar with the MR (BM 3113)

in CMi

Time Around 20 mins preparation in advance + 30 mins in-lab experiment

Date The same time for the cleanroom session (when your group has the CMi session)

Topic Photolithography learning/mask fabrication

Seats Only the group that all students registered (max 15 groups)

Treats For extra hours spent we provide lottery vouchers and snacks

Ps: MR session is designed according to the cleanroom session, and your group can experience together not the whole cleanroom session, but the selected part.

The knowledge you learned is the same

