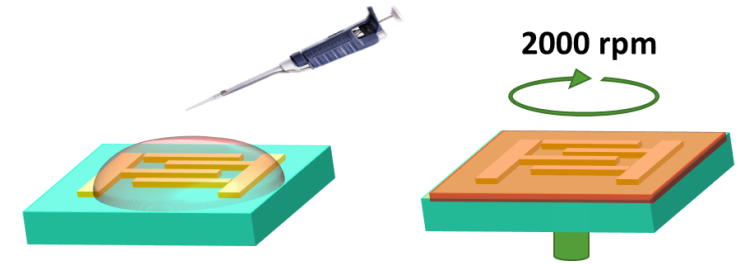
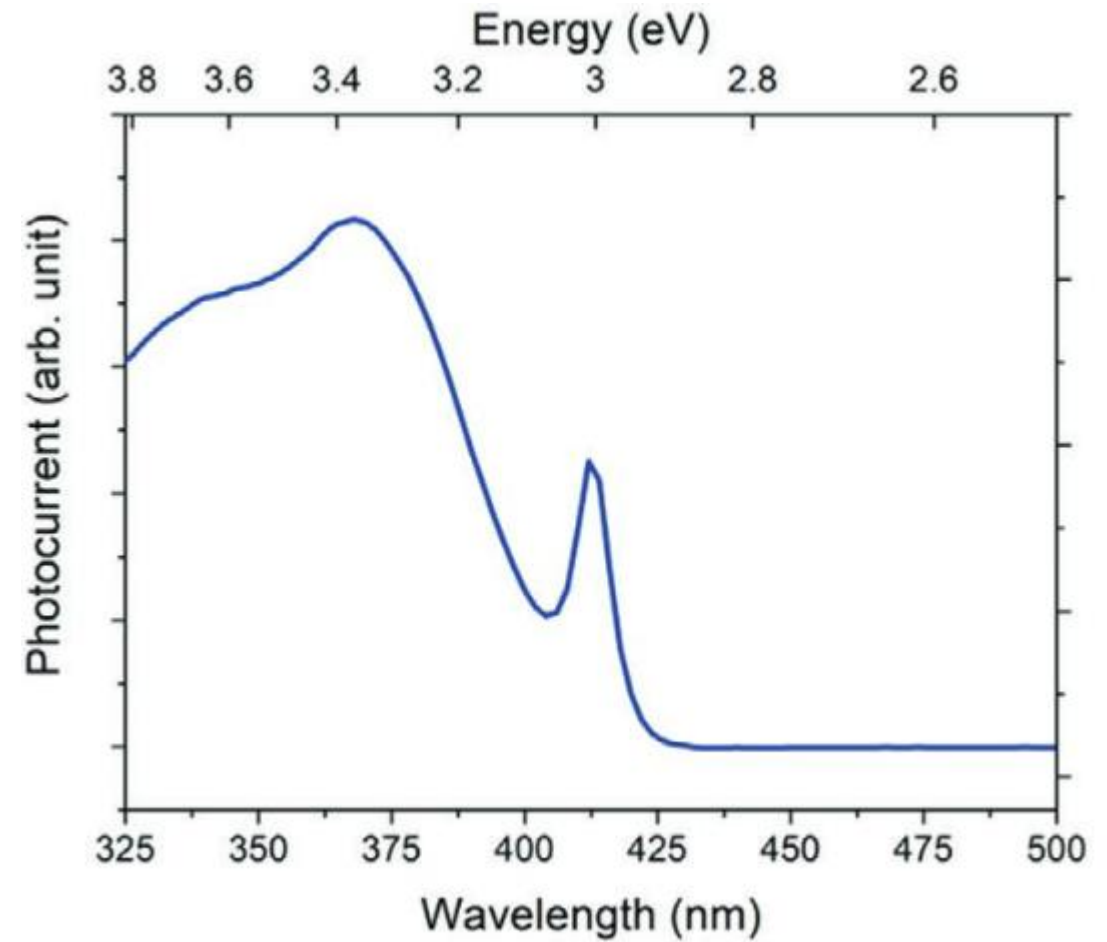
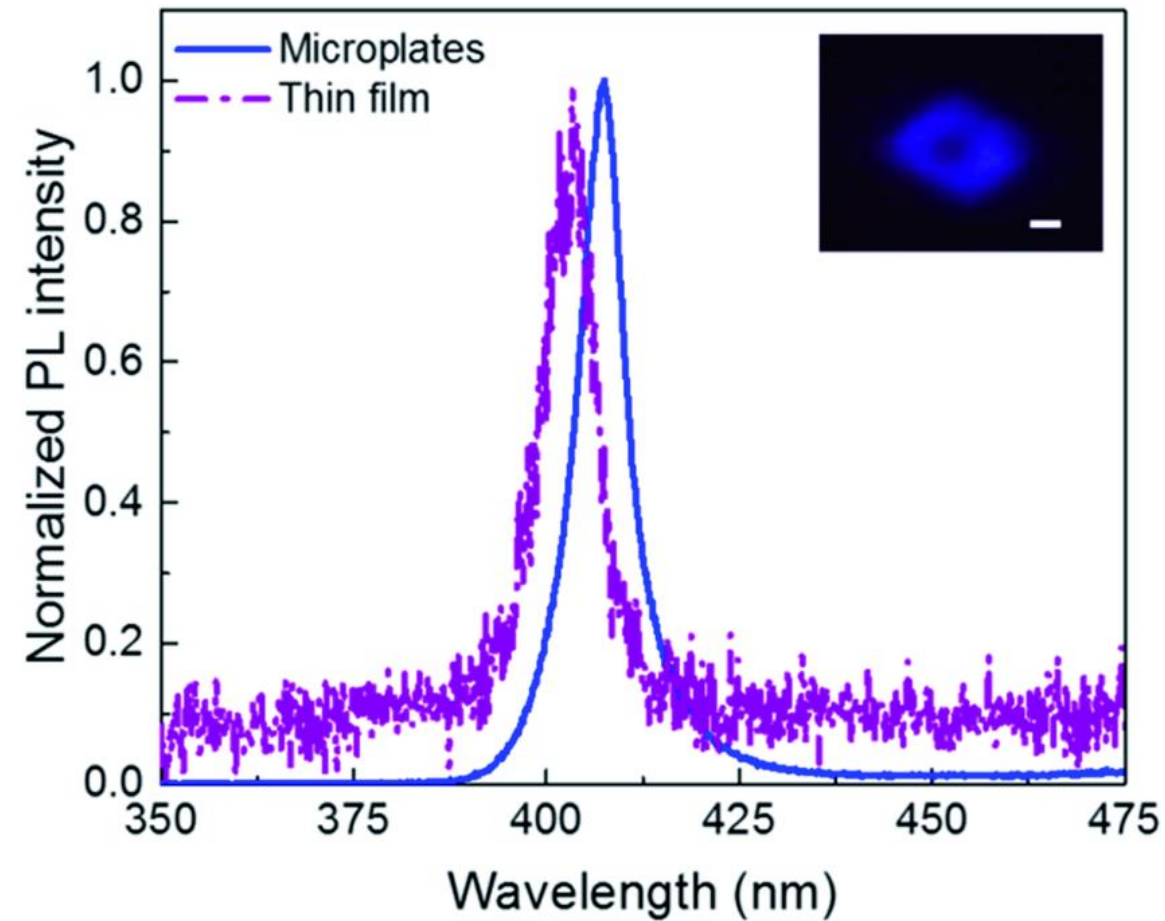


2D lead halide perovskite: PEA₂PbBr₄

- Good stability to environment and bias stress
- High film coverage and uniformity
- Processed by liquid phase (spin coating)



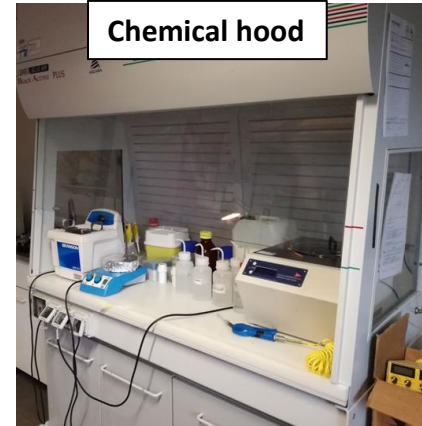
2D lead halide perovskite: $\text{PEA}_2\text{PbBr}_4$
OPTICAL PROPERTIES



Equipped glovebox: spin coater, hot plates, microbalance



Chemical hood



Blade coater



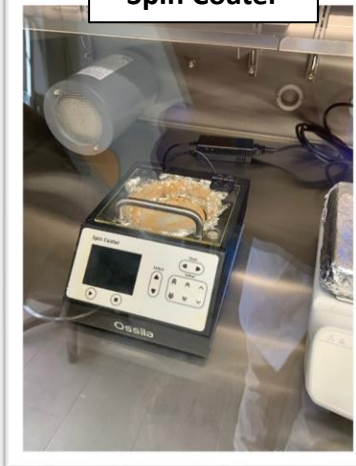
Laser Microwriter



Programmable Hot Plate



Spin Coater



Hot Plate



Plotter Laser Cutter

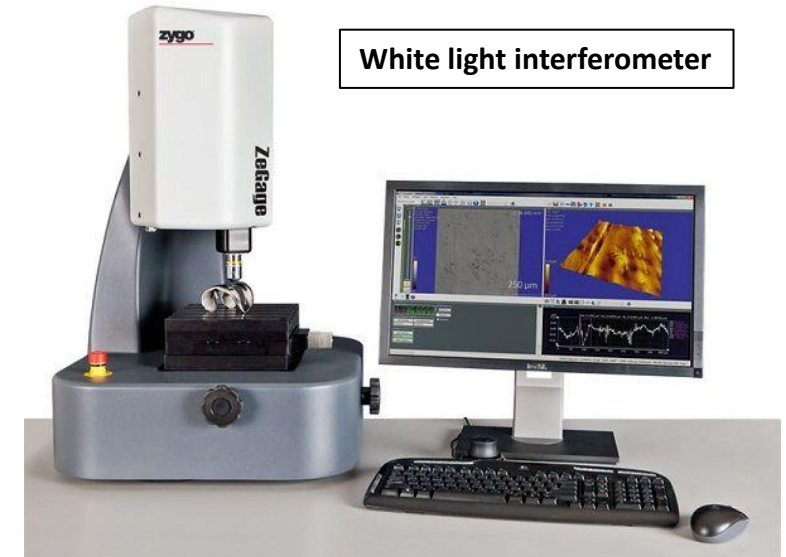
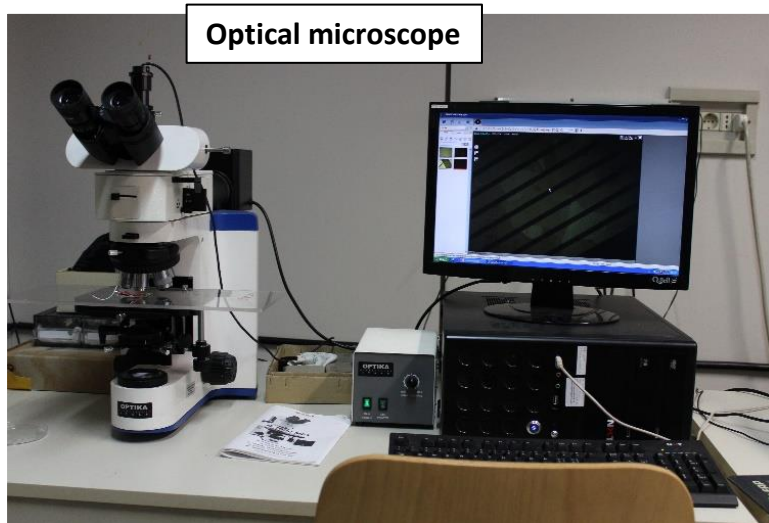


Plasma Cleaner

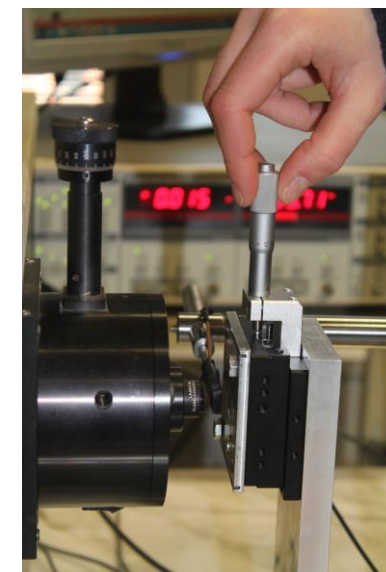


UHV thermal evaporator for metal deposition





Absorbance spectroscopy (Xe Lamp)



PhotoLuminescence spectroscopy (PL)

