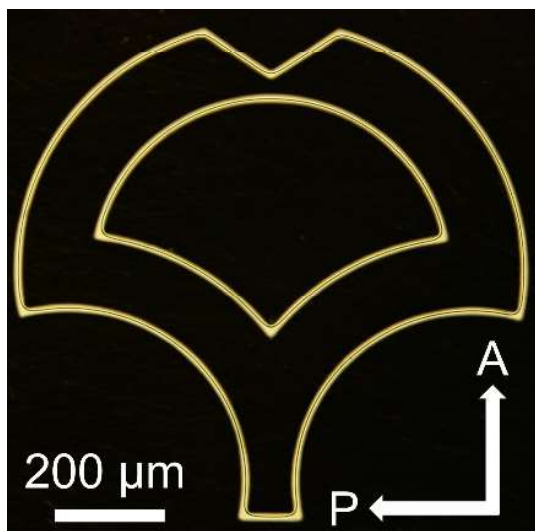


Next-generation optical technologies such as augmented reality and smart windows require smart materials that are tunable, light, and flexible. Our group focuses on liquid crystals and understanding their self-organizing phenomena for their application to next-generation optical and photonic devices.

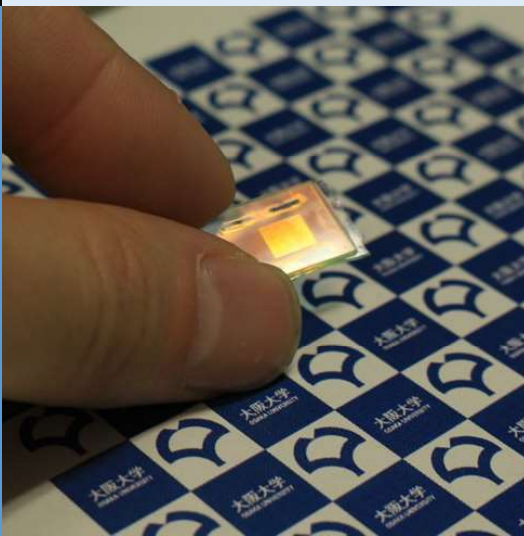


Patterned
Liquid Crystal
Alignment



Luminescent /
Photo-responsive
Liquid Crystals

Fast switching
electro-optic
modulators



Flexible
Diffractive
optical elements

