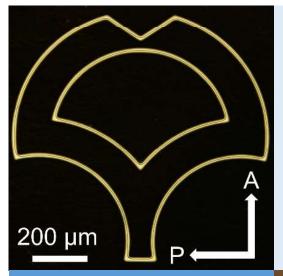
Division of Electrical, Electronic, and Infocommunications Engineering Organic Electronics Device Area

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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.

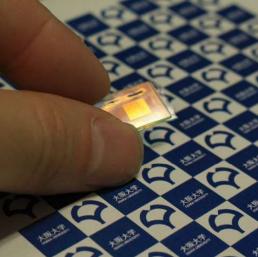


Patterned Liquid Crystal Alignment



Luminescent /
Photo-responsive
Liquid Crystals

Fast switching electro-optic modulators



Flexible
Diffractive
optical elements

