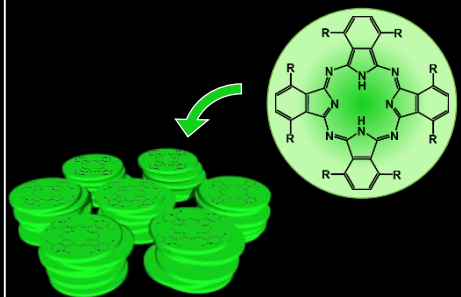
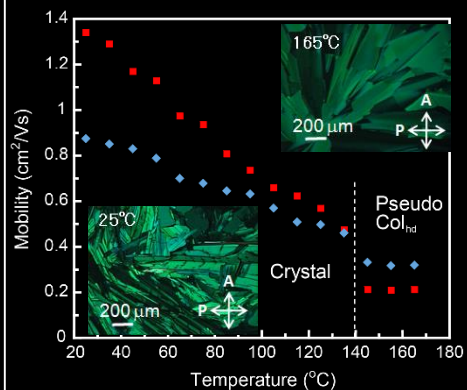


The Organic Electronics Laboratory (Prof. Ozaki Group) focuses on investigating the physical properties of molecular materials and polymers for applications in optics and electronics.

LIQUID CRYSTALLINE ORGANIC SEMICONDUCTORS

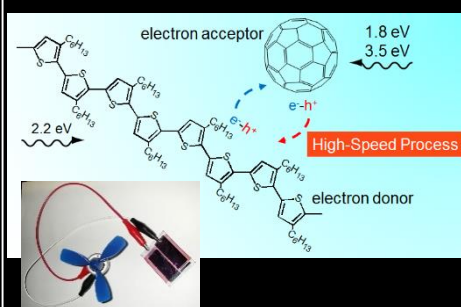


Hexagonal Columnar Structure Based on Discotic Liquid Crystal

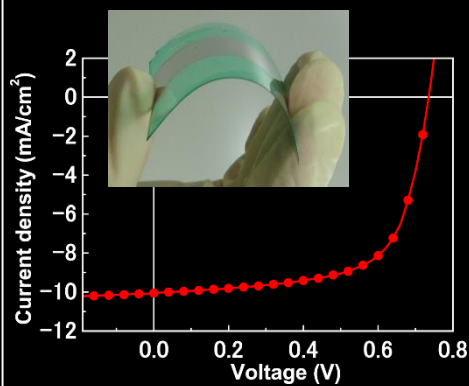


Ambipolar High Carrier Mobility Materials

ORGANIC THIN-FILM SOLAR CELLS

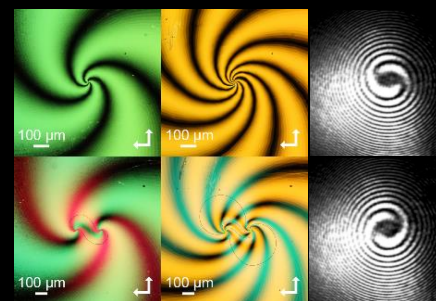


Carrier Generation by Photo-Induced Charge Transfer

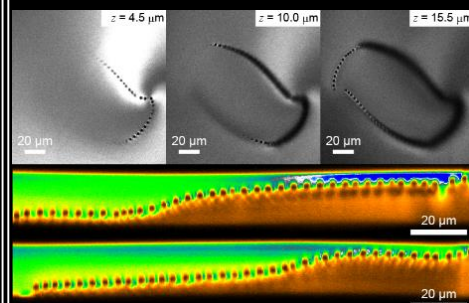


High Efficient Photovoltaic Devices

LIQUID CRYSTAL ALIGNMENT AND NEW APPLICATIONS

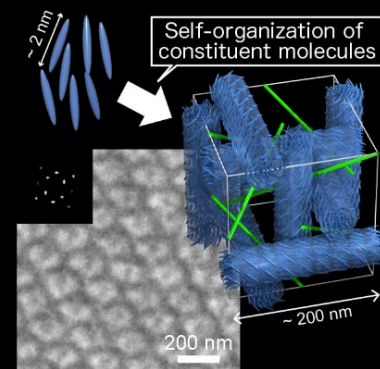


Topological Orientation Control of Liquid Crystals and Optical Applications

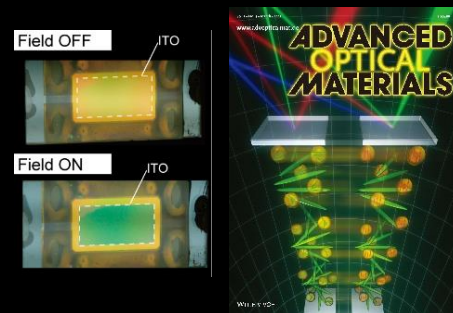


Three-Dimensional Trapping and Control of Colloidal Particles

COMPLEX SOFT MATERIALS



Physics and Applications of Cholesteric Blue Phase Liquid Crystals



Fast Switching based on Helical Liquid Crystals