

# HOUJOU LAB.

## [Functional Organic Materials]

Department of Material and Environmental Science

[http://www.iis.u-tokyo.ac.jp/~houjou/hjlab\\_wiki/](http://www.iis.u-tokyo.ac.jp/~houjou/hjlab_wiki/)

Department of  
Chemistry and  
Biotechnology

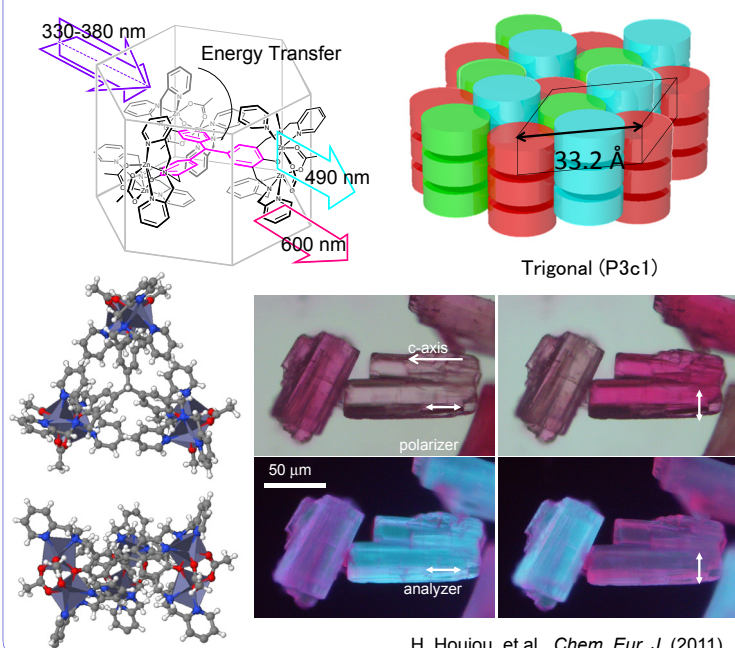
Molecular Integrated System Engineering

## A New Hybrid Material

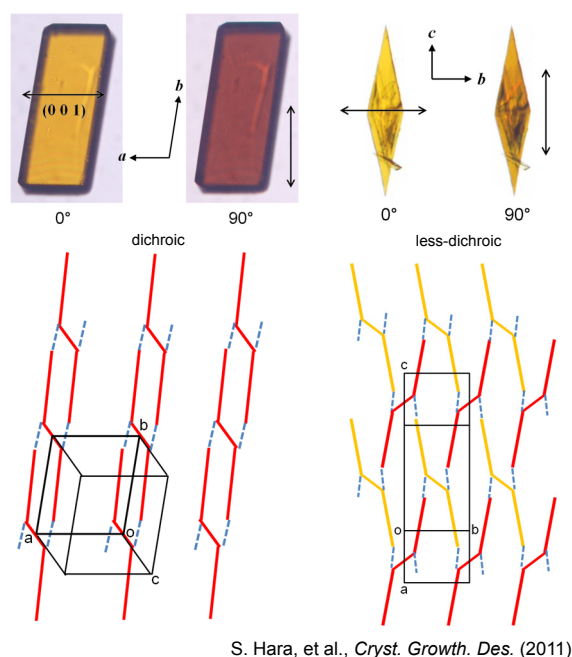
Chemistry for molecular synthesis, Engineering for molecular assembly

Organic chemistry works for synthesis of molecules, while crystal engineering works for assembly of molecules. We work for creating new materials by combining chemistry and engineering.

### Dichroic Emission



### Dichroic Absorption



### Simulation of Molecular Vibration/Libration

