

Molecules that make light work

Our group prepares and studies organic, organometallic, and inorganic compounds that interact with light to change its properties (frequency, phase, etc). Molecules that can modify light beams in this way are of enormous interest for a wide range of commercial and military applications. Projects in our group can involve any combination of organic synthesis, inorganic synthesis, and/or measurements of optical properties using lasers; the content of projects can be tailored to individual student's interests.

Professor Mark Humphrey. T: +61 (0)2 6125 2927. E:

Mark.Humphrey@anu.edu.au. W:

<http://rsc-dev.anu.edu.au/rsc/inorganic-chemistry/organometallic-chemistry-and-molecular-materials/>