

Photoluminescence allows for routine optical characterization. This instrumentation consists of variable temperature cryostats capable of temperatures as low as 4.2°K, several lasers (UV-AR+, He-Cd, and a pulse dye laser) and a computer-controlled SPEX 3/4-meter spectrometer for sample excitation. A computerized electrical characterization system, including both dc and pulse excitation and analysis is part of the facility. The electrical characterization system is capable of performing Hall effect measurements over a temperature range from 4.2°K to 400°K.

For more information contact Prof. Mike Capano.

Tel: (765) 494-3563

E-mail: capano@purdue.edu