## Develop of a flash lamp pumped solid state dye laser

Hans Suedhoff

Faculty Sponsor: Mark Masters, Ph.D.

Department of Physics, IPFW

We have been developing a flash lamp pumped solid state dye laser. We have investigated a variety of host materials and cavity configurations including monolithic cavities. In the process of this investigation we designed a flash lamp triggering circuit, a unique high voltage power supply and host material fabrication processes.