

College Park, MD – 25 April 2011. Maxion and the State University of New York at Stony Brook have been selected by the Air Force Office of Scientific Research to develop advanced solid state physics modeling and design tools that will support high-power, high-efficiency Interband Cascade Lasers (ICL's). The lasers will support multi-watt output powers in the 3 – 4 μm spectral region. The program will validate model predictions of device performance using both available and newly fabricated ICL devices.

About Maxion – Maxion technologies, a wholly-owned subsidiary of Physical Sciences Inc. (www.psicorp.com), is a leading developer of advanced technology for infrared materials, lasers, and detectors. Quantum cascade lasers are available at a variety of power levels, and spectral characteristics, and packaging options from 4.0 to 12 μm . Interband cascade lasers are also available from 3 – 4 μm . Research and development activities are supported by available MBE, wafer-scale processing, device fabrication, and sophisticated solid-state physics modeling tools.