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***New Tunable Infrared Sources for
Laser Spectroscopy***

Dr. Frank K. Tittel
Rice Quantum Institute
Rice University
Houston, Texas, USA

ABSTRACT

Recent advances in nonlinear optical crystals and laser pump sources, in particular semiconductor diode lasers, have made it possible to generate tunable continuous wave infrared radiation. The application of these sources to high resolution infrared laser spectroscopy of transient species in the gas phase will be discussed.