



## *News Release*

### **ILX Lightwave Corporation**

31950 East Frontage Road  
Bozeman, MT 59715  
Tel: (406) 586-1244  
Fax: (406) 586-9405

### **ILX LIGHTWAVE NOW A MEMBER OF MIRTHE**

BOZEMAN, MT, September 14, 2009 - ILX Lightwave Corporation announced today that it is now an Affiliate Member of the Center for Mid-InfraRed Technologies for Health and the Environment (MIRTHE). ILX will be working closely with MIRTHE researchers on developing next generation equipment for research and development of quantum cascade lasers.

Patrick Gale, ILX Lightwave's Product Marketing Engineer, commented, "We look forward to supporting MIRTHE researchers in their goal of developing mid-infrared optical trace gas sensing systems based on quantum cascade lasers. These new systems will provide a portable solution of monitoring trace gases in the environment and will be used by the medical industry for diagnosing diseases."

ILX Lightwave currently offers precision current sources, temperature controllers, and a new mounting fixture for quantum cascade lasers.

#### **About ILX Lightwave Corporation:**

ILX Lightwave is a market and technology leader in instrumentation and test systems for photonic component research, development and manufacturing. ILX Lightwave customers include Fortune 500 corporations, national research laboratories, government and educational institutions. ILX Lightwave is headquartered in Bozeman, MT.

For further information contact:

Patrick Gale, Product Marketing Engineer  
ILX Lightwave Corporation, (406) 556-2535

#### **About MIRTHE**

MIRTHE is a National Science Foundation Engineering Research Center headquartered at Princeton University, with partners City College New York, Johns Hopkins University, Rice, Texas A&M, and the University of Maryland Baltimore County. The center encompasses a world-class team of engineers, chemists, physicists, environmental and bio-engineers, and clinicians. MIRTHE's goal is to develop Mid-Infrared ( $\lambda$  - 3-30  $\mu\text{m}$ ) optical trace gas sensing systems based on new technologies such as quantum cascade lasers or quartz enhanced photo-acoustic spectroscopy, with the ability to detect minute amounts of chemicals found in the environment or atmosphere, emitted from spills, combustion, or natural sources, or exhaled.