



LIGHTWAVE LOGIC™

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**How Optical Interconnect and High Speed Data Communications are Now Practical
Near Term Realities to be Presented at the Roth Capital Partners OC Growth
Conference**

Newark, Delaware –March 8, 2010: Lightwave Logic, Inc. (OTC Bulletin Board: LWLG) a technology company focused on the development of electro-optic polymer materials for applications in high speed fiber-optic data communications and optical computing, announced today that CEO James Marcelli, Chairman Phillips W. Smith and Technology Guru Terry Turpin will present at the Roth Capital Partners 22nd Annual OC Growth Stock Conference which will be held March 15-17, 2010 at The Ritz Carlton Hotel in Dana Point, California.

“We are particularly excited to have Terry Turpin with us for all 3 days at the conference. Mr. Turpin has over 30 years of advanced Optical Computing experience including responsibility as Chief of the NSA Advanced Processing Techniques Division and further as the Former CTO of Northrop/Essex Corporation,” said Jim Marcelli CEO of Lightwave Logic, Inc.

The presentation is at 5:00 pm Pacific Time on Tuesday, March 16th. Messrs. Marcelli, Smith and Turpin will also be available for one-on-one meetings throughout the three day conference. The LightWave presentation will also be webcast live and available for 90 days at <http://www.wsw.com/webcast/roth23/lwlg/> as well as the company’s website at www.lightwavelogic.com.

For more information please contact a ROTH representative at (800) 933-6830 or conference@roth.com. The event is by invitation only and is attended by institutional investors and clients of ROTH Capital Partners. More information about ROTH Capital Partners is available at <http://www.rothcp.com/>.

“Powered by Lightwave Logic”™

Lightwave Logic, Inc. is a development stage company that is producing prototype electro-optic demonstration devices and is moving toward commercialization of its high-activity, high-stability organic polymers for applications in electro-optical device



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markets. Electro-optical devices convert data from electric signals into optical signals for use in high-speed fiber-optic telecommunications systems and optical computers. Please visit the Company's website, www.lightwavelogic.com, for more information.

Safe Harbor Statement

The information posted in this release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. You can identify these statements by use of the words "may," "will," "should," "plans," "explores," "expects," "anticipates," "continue," "estimate," "project," "intend," and similar expressions. Forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. These risks and uncertainties include, but are not limited to, general economic and business conditions, effects of continued geopolitical unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing various engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, shortages in components, production delays due to performance quality issues with outsourced components, and various other factors beyond the Company's control.