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**FOR IMMEDIATE RELEASE**  
**MAY 2, 2008**

**JMAR TECHNOLOGIES TO UNVEIL COMMERCIAL  
PORTABLE LASER SYSTEM AT INDUSTRY CONFERENCE**

**PRODUCT BASED ON HAZARD-DETECTION  
TECHNOLOGY DEVELOPED FOR U.S. ARMY**

SAN DIEGO—May 2, 2008 -- JMAR Technologies, Inc. (OTCBB: JMAR), a leading developer of advanced laser, photonics and detection products, today announced that it will unveil the first commercial prototype of its double-pulse laser system at next week's Conference on Lasers and Electro-Optics (CLEO) in San Jose, California ([www.cleoconference.org](http://www.cleoconference.org)).

The prototype is a shoebox-sized portable system based on JMAR's proprietary BriteLight™ system, and developed by JMAR in response to a U.S. Army issued SBIR grant to support research for remote detection of hazardous materials, drugs and other biological or chemical substances. The Company's move to commercialize its double-pulse system follows a successful 2007 demonstration of its ability to provide full control of first to second beam pulses while maintaining exceptional beam quality. LIBS testing conducted in JMAR's laser lab has shown a consistent 10X signal enhancement on copper and up to 25X on aluminum.

“The debut of this man-portable double-pulse system with direct application in multiple commercial markets represents one of the most significant milestones in our company's history,” said JMAR President and CEO, C. Neil Beer, PhD. “Although we will continue the development of this system for the armed forces, the portability feature of our new system should enable us to begin penetration of the much larger commercial market. Also, there is no better place than CLEO, the foremost laser and opto-electronics industry event, for introducing this new product to the widest possible audience of knowledgeable customers.”

CLEO will be held at San Jose's McEnery Convention Center from Sunday, May 4, through Friday, May 9, in conjunction with the Quantum Electronics and Laser Science Conference (QELS) and the Conference on Photonic Applications, Systems and Technologies (PhAST). Together, the conferences are expected to attract 6,000 engineers, scientists and other leaders in the fields of optics and photonics. JMAR (Booth #2417) and other companies will be exhibiting from Tuesday, May 6 through Thursday, May 8.

To be added to JMAR Technologies' investor lists, please contact Haris Tajyar at [htajyar@irintl.com](mailto:htajyar@irintl.com) or at 818-382-9702.

## **About JMAR**

JMAR Technologies, Inc. (OTCBB: JMAR) is a late-stage technology company with expertise in the development and early commercialization of detection and laser-based technologies for nano-scale imaging, chemical and biological analysis, and fabrication. The Company is leveraging more than a decade of laser and photonics research in developing a portfolio of products with market applications in high interest areas such as homeland security, biological monitoring of water quality, and hazardous materials detection. These technologies represent significant intellectual property including 29 issued or pending patents. For further information on JMAR Technologies, please visit [www.jmar.com](http://www.jmar.com).

***Forward Looking Statements:*** *This news release contains certain "forward-looking statements." Forward-looking statements are based on current expectations and assumptions and are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified, and many of which are beyond the Company's control. Actual results could differ materially from these forward-looking statements as a result of a number of factors, including the uncertainty of acceptance in the market for our products and technologies or the acceptance of our customers' products or technologies which incorporate our products and technologies, the failure of our technology to perform as predicted, competition from alternative technologies, uncertainties as to the size of the markets, cost and margins for JMAR's products, current or future government regulations affecting the use of JMAR's products, the lack of availability of critical components, the degree of protection from future patents, other risks associated with the development or acquisition of new products or technologies and those risks detailed in the Company's Form 10-K for the year ended December 31, 2007 filed with the SEC. Given these risks and uncertainties, investors are cautioned not to place undue reliance on such forward-looking statements and no assurances can be given that such statements will be achieved. JMAR Technologies, Inc. does not assume any duty to publicly update or revise the material contained herein.*

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