

May 12, 2010



KLA-Tencor Announces Participation at Upcoming Conferences

MILPITAS, Calif., May 12 /PRNewswire-FirstCall/ -- KLA-Tencor Corporation (Nasdaq: KLAC), the world's leading supplier of process control and yield management solutions for the semiconductor and related industries, today announced that the company will provide live audio webcasts from the upcoming investor conferences:

- June 2, 2010 - Bank of America Merrill Lynch 2010 U.S. Technology Conference, 7:40 a.m. Pacific Time.
- June 3, 2010 - Cowen & Co. 38th Annual Technology Media & Telecom Conference, 9:50 a.m. Pacific Time.
- July 13, 2010 - SEMICON West Analyst Briefing, 10:30 a.m. Pacific Time.

The live webcasts will be available on the Investor Relations page of KLA-Tencor's website at <http://ir.kla-tencor.com>.

About KLA-Tencor:

KLA-Tencor Corporation, a leading provider of process control and yield management solutions, partners with customers around the world to develop state-of-the-art inspection and metrology technologies. These technologies serve the semiconductor, data storage, LED, photovoltaic, and other related nanoelectronics industries. With a portfolio of industry-standard products and a team of world-class engineers and scientists, the company has created superior solutions for its customers for more than 30 years. Headquartered in Milpitas, California, KLA-Tencor has dedicated customer operations and service centers around the world. Additional information may be found at www.kla-tencor.com. (KLAC-F)

Investor Relations:

Ed Lockwood

Sr. Director, Investor Relations

(408) 875-9529

ed.lockwood@kla-tencor.com

Media Relations:

Meggan Powers

Sr. Director, Corporate Communications

(408) 875-8733

meggan.powers@kla-tencor.com

SOURCE KLA-Tencor