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Company Press Release

Nova Measuring Instruments to Host Analyst and Investor Meeting in New York City on June 9

Rehovot, Israel, May 21, 2015 - Nova Measuring Instruments Ltd. (NASDAQ: NVMI), a leading innovator and a key provider of metrology solutions for advanced process control used in semiconductor manufacturing, today announced it will host an Analyst and Investor Meeting on Tuesday, June 9, 2015, from 09:00 a.m. until 12:00 p.m. E.T at Le Parker Meridien, 119 West 56th Street in New York City.

Presentations by Nova's senior leadership team will include Nova's long term business and technology strategy, operational and financial outlook as well as the recent acquisition of ReVera. For more information and attending this event please contact nvmi@haydenir.com. A live web cast of the event's presentations will also be available at <https://viavid.webcasts.com/starthere.jsp?ei=1063810>. The webcast will be archived for one year and available on Nova's website at <http://ir.novameasuring.com>.

About Nova: Nova Measuring Instrument Ltd. delivers continuous innovation by providing advanced metrology solutions for the semiconductor manufacturing industry. Deployed with the world's largest integrated-circuit manufacturers, Nova's products deliver state-of-the-art, high-performance metrology solutions for effective process control throughout the semiconductor fabrication lifecycle. Nova's product portfolio, which combines high-precision hardware and cutting-edge software, supports the development and production of the most advanced devices in today's high-end semiconductor market. Nova's technical innovation and market leadership enable customers to improve process performance, enhance products' yields and accelerate time to market. Nova acts as a partner to semiconductor manufacturers from its offices around the world. Additional information may be found at www.novameasuring.com.