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Company Press Release

**Nova Measuring Instruments to Report Third Quarter 2016 Results
on November 2, 2016**

Conference call to be held at 9 a.m. Eastern Time

REHOVOT, Israel, September 29, 2016 - Nova Measuring Instruments (Nasdaq: NVMI), a leading innovator and key provider of metrology solutions for advanced process control used in semiconductor manufacturing, today announced that it will release its results for the third quarter of fiscal year 2016 before the NASDAQ market opens on Wednesday, November 2, 2016.

Mr. Eitan Oppenheim, President and Chief Executive Officer and Mr. Dror David, Chief Financial Officer, will host a conference call that same day, November 2, 2016, at 9 a.m. Eastern Time, to discuss the financial results and future outlook.

To attend the conference call, please dial one of the following teleconferencing numbers. Please begin by placing your calls five minutes before the conference call commences. If you are unable to connect using the toll-free numbers, please try the international dial-in number.

U.S. Dial-in Number: 1-888-428-9480
ISRAEL Dial-in Number: 1 80 924 6042
INTERNATIONAL Dial-in Number: 1-719-457-2628
At:
9 a.m. Eastern Time
6 a.m. Pacific Time
3 p.m. Israeli Time

Please reference conference ID 2393527

The conference call will also be webcast live from a link on Nova's website at <http://ir.novameasuring.com>.

For those unable to participate in the conference call, there will be a replay available from a link on Nova's website at <http://ir.novameasuring.com>.

About Nova: Nova Measuring Instruments 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.

Nova is traded on the NASDAQ & TASE under the symbol NVMI.