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Company Press Release**Nova Measuring Instruments to Report First Quarter 2017 Results
on May 9, 2017****Conference call to be held at 9 a.m. Eastern Time**

Rehovot, Israel, April 5, 2017 - Nova Measuring Instruments (Nasdaq: NVMI), a leading innovator and a key provider of metrology solutions for advanced process control used in semiconductor manufacturing, today announced that it will release its results for the first quarter 2017 before the NASDAQ market opens on Tuesday, May 9, 2017.

Mr. Eitan Oppenheim, President and Chief Executive Officer, and Mr. Dror David, Chief Financial Officer, will host a conference call that same day, May 9, 2017, at 9 a.m. Eastern Time.

To attend the conference call, please dial one of the following teleconferencing numbers. Please begin by placing your call 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: 1-888-437-9364
ISRAEL Dial-in Number: 1 80 924 6042
INTERNATIONAL Dial-in Number: 1-719-325-2236

At:

9 a.m. Eastern Time
6 a.m. Pacific Time
4 p.m. Israeli Time

Please reference conference ID 6912093

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

A replay of the conference call will be available from May 9, 2017 at 12:00 pm Eastern Time to May 16, 2017 at 11:59 pm Eastern Time. To access the **replay**, please dial one of the following numbers:

Replay Dial-in TOLL-FREE [1-844-512-2921](tel:1-844-512-2921)
Replay Dial-in TOLL/INTERNATIONAL [1-412-317-6671](tel:1-412-317-6671)
Replay Pin Number: 6912093

A replay will also be available for 90 days 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 <http://www.novameasuring.com>.

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