

NOVA MEASURING INSTRUMENTS LTD  
Form 6-K  
September 29, 2016

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2016

Commission File No.: 000-30668

NOVA MEASURING INSTRUMENTS LTD.  
(Translation of registrant's name into English)

Building 22 Weizmann Science Park, Rehovot  
P.O.B 266  
Israel  
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Attached hereto and incorporated by way of reference herein is a press release issued by the Registrant and entitled: "Nova Measuring Instruments to Report Third Quarter 2016 Results on November 2, 2016".

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

NOVA MEASURING INSTRUMENTS LTD.  
(Registrant)

Date: September 29, 2016 By: /s/ Dror David

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Dror David

Chief Financial Officer

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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

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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](http://www.novameasuring.com).

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

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