



partnering for process control

Company Contact:

Dror David, Chief Financial Officer
Nova Measuring Instruments Ltd.
Tel: 972-8-938-7505
E-mail: info@nova.co.il
<http://www.nova.co.il>

Investor Relations Contacts:

Ehud Helft / Kenny Green
GK Investor Relations
Tel: +1-646-201-9246
E-mail: info@gkir.com

**Nova Measuring Instruments Schedules
2008 Third Quarter Results Conference Call
For November 5, 2008 at 9:00 am ET**

REHOVOT, Israel – October 15, 2008 – Nova Measuring Instruments Ltd. (NASDAQ: NVMI), provider of leading-edge stand-alone metrology and the market leader of integrated metrology solutions to the semiconductor process control market, announced that it will release its results for the third quarter of 2008 before the market opens on Wednesday, November 5, 2008. In conjunction with this release, Nova will host a conference call later that same day at 9:00 am Eastern Time.

Mr. Gabi Seligsohn, President and Chief Executive Officer, and Mr. Dror David, Chief Financial Officer will review and discuss the results as well as other business developments, and will be available to answer questions.

To participate, please call one of the following teleconferencing numbers. Please begin by placing your calls 5 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 Numbers: 1 888 281 1167
ISRAEL Dial-in Number: 03 918 0650
INTERNATIONAL Dial-in Number: +972 3 918 0650

At:

9:00 a.m. Eastern Time
6:00 a.m. Pacific Time
4:00 p.m. Israeli Time

The conference call will also be webcast live from a link on Nova's website at www.nova.co.il.

For those unable to participate in the conference call, there will be a replay available the day following the call on Nova's website at www.nova.co.il.

About Nova: Nova Measuring Instruments Ltd. develops, produces and markets advanced integrated and stand alone metrology solutions for the semiconductor manufacturing industry. Nova is traded on the NASDAQ & TASE under the symbol NVMI. The Company's website is www.nova.co.il.

