

Three Physicists Recognized with 2013 Joseph F. Keithley Award for Advances in Measurement Science

Jonathan Tucker
Keithley Instruments, Inc.



Jonathan Tucker (center), senior marketer and product manager for Keithley Instruments, congratulates Nergis Mavalvala and David McClelland, two of the recipients of the 2013 Joseph F. Keithley Award for Advances in Measurement Science. The prize was awarded at the American Physical Society (APS) March Meeting in Baltimore, Md. The third award recipient, Roman Schnabel, is not pictured.

FOR the first time in the 16-year history of the Joseph F. Keithley Award for Advances in Measurement Science, three physicists were honored in a single year in 2013. This award, endowed by Keithley Instruments and the Instrument and Measurement Science Topical Group (IMSTG) of the American Physical Society, honors Keithley founder Joseph F. Keithley for his outstanding contributions and numerous accomplishments in the area of sensitive and precision instrument development and measurement techniques.

The 2013 award recipients hail from three different continents:

[Nergis Mavalvala](#) (Massachusetts Institute of Technology): For seminal contributions to the development and application of quantum metrological methods, in particular of squeezed light sources and optical springs, enabling sensitive measurements beyond the standard quantum limit.

[David McClelland](#) (Australian National University): For seminal contributions to the development and application of quantum metrological methods, in particular of squeezed light sources and optical springs, enabling sensitive measurements beyond the standard quantum limit.

Roman Schnabel (Leibniz Universität Hannover): For seminal contributions to the development and application of quantum metrological methods, in particular of squeezed light sources and optical springs, enabling sensitive measurements beyond the standard quantum limit.

The award recognizes physicists who have been instrumental in the development of measurement techniques or equipment that have an impact on the physics community by providing better measurements. The prize consists of \$5,000 and a certificate citing the contributions made by the recipient. It is presented annually. The deadline for submission of nominations for the 2014 prize is July 1, 2013. More information is available at <http://www.aps.org/programs/honors/awards/keithley.cfm>. ■

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KEITHLEY INSTRUMENTS, INC. ■ 28775 AURORA RD. ■ CLEVELAND, OH 44139-1891 ■ 440-248-0400 ■ Fax: 440-248-6168 ■ 1-888-KEITHLEY ■ www.keithley.com

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55-11-4058-0229
www.keithley.com

GERMANY

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