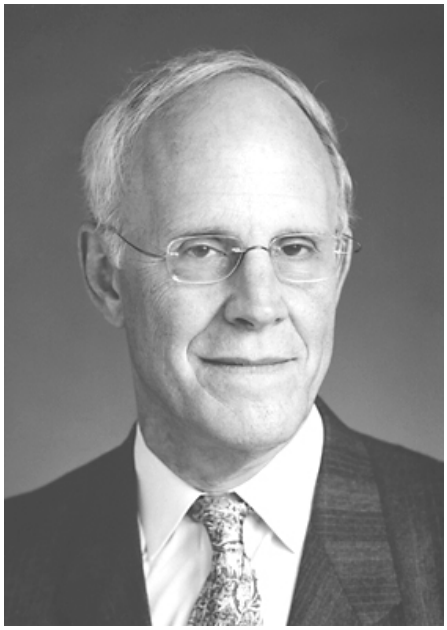
NOBELIST DAVID GROSS TO SPEAK SEPTEMBER 23 & 24 AT UMD



Nobelprize.org

Special JQI/CMTC Prange Lecture
Quantum Field Theory: Past, Present, Future
September 23, 2013
2324 CSS - 11:00AM

Prange Prize Lecture
Frontiers of Fundamental Physics
September 24, 2013
1412 Physics - 4:00PM

For more information, please visit:
www.umdphysics.umd.edu

Nobel laureate David Gross of the University of California, Santa Barbara and the Kavli Institute for Theoretical Physics has been named the 2013 recipient of the Richard E. Prange Prize and Lectureship in Condensed Matter Theory and Related Areas. Dr. Gross will deliver a public presentation entitled "Frontiers of Fundamental Physics" on September 24. Working at Princeton in 1973, Gross and his PhD student Frank Wilczek discovered asymptotic freedom, which holds that the closer quarks are to each other, the weaker the interaction (color charge) between them; in extreme proximity, quarks behave almost as free particles. This insight helped lead to the Standard Model of particle physics. Gross and Wilczek shared the 2004 Nobel Prize in physics with David Politzer for this breakthrough.

Additionally, Dr. Gross will give a technical CMTC Distinguished Lecture entitled "Quantum Field Theory: Past, Present, Future" on September 23.

The Prange Prize, established by the UMD Department of Physics and the Condensed Matter Theory Center, honors the late Professor Richard Prange, whose distinguished career at Maryland spanned four decades (1961 - 2000). It is made possible through the generosity of Dr. Prange's wife, Dr. Madeleine Joullié, a Professor of Chemistry at the University of Pennsylvania.

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