

The American Mathematical Society presents

The AMS Einstein Public Lecture in Mathematics

Sir Roger Penrose

Spacetime Conformal Geometry, and a New Extended Cosmology

Saturday, October 6

8:00 P.M.

Scott Hall, Room 123

Rutgers University



Sir Roger Penrose,
Emeritus Rouse Ball
Professor of Mathematics,
University of Oxford

Sir Roger Penrose is known worldwide for his work in mathematics and mathematical physics. He has written many books, received numerous awards, and was knighted in 1994 for his outstanding contributions to science. In this lecture, Sir Roger will speak about a new view of the universe that unites three of the most puzzling aspects of cosmology: dark energy, dark matter, and the extreme specialness of the Big Bang.

"I certainly believe in the importance of conveying to the general public, as far as this is possible, something of the real nature of mathematics, not only for its increasing utility across so many areas of importance to modern society, but also for its beauty and for the inner satisfaction that it brings."

www.ams.org/meetings/einstein-lect.html

This event is part of the AMS 2007 Fall Eastern Sectional at Rutgers, October 6-7.

Sponsored by the American Mathematical Society. Hosted by the Rutgers University Mathematics Department.

Top: NASA, ESA and A. Nota (STScI/ESA); Second row, left: NASA, ESA, STScI, J. Hester and P. Scowen (Arizona State University); Second row, right: NASA, ESA, M. Robberto (STScI/ESA) and the Hubble Space Telescope Orion Treasury Project Team; Third row, left: NASA, ESA, and The Hubble Heritage Team (STScI/AURA); Third row, right: NASA, H. Ford (JHU), G. Illingworth (UCSC/L0), M. Clampin (STScI), G. Hartig (STScI), the ACS Science Team, and ESA; Bottom: NASA, ESA, C.R. O'Dell (Vanderbilt University), M. Meixner and P. McCullough (STScI)