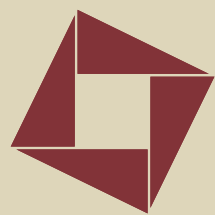


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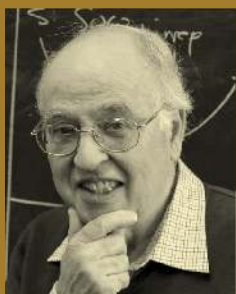


Albert Einstein, H Yukawa, J Wheeler, and Homi Bhabha at Princeton, 1947

PUBLIC LECTURES | J N Tata Auditorium, IISc, Bangalore

Michael Atiyah
University of Edinburgh

**Truth and Beauty in
Mathematics and Physics**
5:30 pm, 27 December 2009

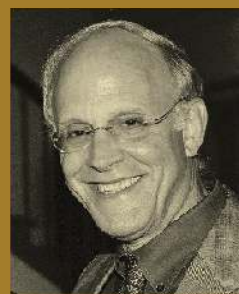


Sir Michael Atiyah is one of the most distinguished mathematicians of our times with contributions to topology, geometry, analysis and mathematical physics.

His famous contributions include the Atiyah-Singer index theory. His work cuts across many boundaries in mathematics and has deep connections with quantum field theory and string theory. He has been President of the Royal Society of London, Master of Trinity College and Director of the Newton Institute in Cambridge. Presently he is Honorary Professor at the University of Edinburgh. He is a recipient of the Fields Medal and the Abel Prize.

David Gross
KITP, Santa Barbara

**The Role of
Theory in Science**
5:30 pm, 28 December 2009



Professor David Gross, Nobel Laureate, is a co-discoverer of asymptotic freedom and one of the chief architects of the fundamental theory of the strong force

which describes the properties of strongly interacting particles and nuclear physics. He has also made fundamental contributions to string theory which is a framework for the study of quantum gravity and the fundamental laws of nature. He is currently Director and Frederick W. Gluck Professor at the Kavli Institute for Theoretical Physics, University of California at Santa Barbara. He has been a MacArthur Fellow and a recipient of the 2004 Nobel Prize for Physics.

Albert Libchaber
Rockefeller University

**The Origin of Life:
From Geophysics to Biology?**
5:30 pm, 30 December 2009



Albert Libchaber is a distinguished physicist and biologist. He has made fundamental experimental contributions to fluid dynamics and the onset of turbulence. His

current research centers on questions concerning the origin of life. He studies mathematical patterns in biology at both the organismal and the cellular and molecular levels. He is presently Detlev W. Bronk Professor in the Laboratory of Experimental Condensed Matter Physics at the Rockefeller University. He has been a MacArthur Fellow, a recipient of the Wolf Prize in 1986 and Prix des Trois Physiciens from the Foundation of France in 1999. He is a fellow of the French Academy of Sciences and the National Academy of Sciences, USA.

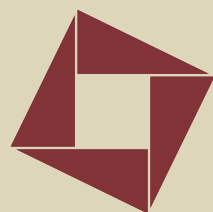
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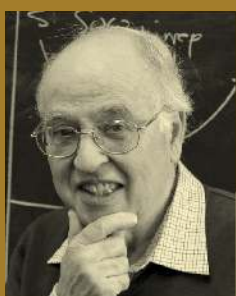


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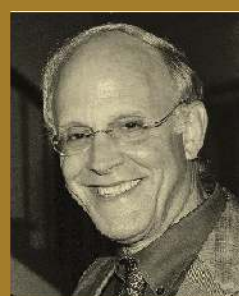


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