

Public Lectures in Celebration of the 90th Birthday of Freeman Dyson

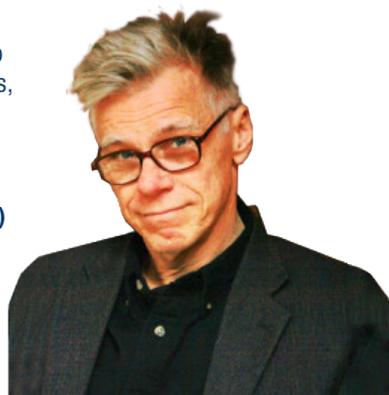


“The Greatest Story Ever Told...So Far”

by **Professor Lawrence Krauss**
Arizona State University and
Australian National University

Chairman: Professor Phua Kok Khoo
Director, Institute of Advanced Studies,
Nanyang Technological University

27 Aug 2013 (Tuesday) • 6.30pm
Hwa Chong Institution
(High School Auditorium, Clock Tower)



“Science and Sublime: The Life of Freeman Dyson”

by **Professor Phillip Schewe**
University of Maryland

ABOUT THE TALKS

The real story of the Universe is much more interesting and exciting than the myths pervaded by the ancients, **Professor Lawrence Krauss** will describe the remarkable scientific story that has led to the greatest intellectual edifice ever created by humans, the Standard Model. It is a tale ripe with drama and surprise, and will take us from Plato to Einstein, to Feynman and Dyson, and beyond, to the discovery of the Higgs Boson. He will discuss the implications of these discoveries for our fundamental understanding of space and time, and for our understanding of our own origins and future.

Freeman Dyson is not one man but ten. **Professor Phillip Schewe** will give an interesting account of Professor Dyson's life and multi-faceted career. Apart from his work on quantum electrodynamics which marked an epoch in physics, Professor Dyson has been involved in designing nuclear reactors and rocketships, in securing a limited test ban treaty and keeping tactical nuclear weapons out of Vietnam, in proposing a novel theory for the origin of life, and in the search for variation in the constants of nature etc. Professor Dyson is also an outspoken speaker on topics such as climate change, biotechnology, and the prospective human migration into space.

ABOUT THE SPEAKERS

Professor Lawrence Krauss is a renowned cosmologist and science populariser, the Foundation Professor of the School of Earth and Space Exploration as well as the Director of Arizona State University's Origins Project. He is the author of several bestselling books, including *The Physics of Star Trek* and *A Universe from Nothing*.

Professor Phillip Schewe is the Director of Communication at the Joint Quantum Institute, University of Maryland. He is also the chief science writer at the American Institute of Physics. His latest book *Maverick Genius: The Pioneering Odyssey of Freeman Dyson* is the only full biography of Freeman Dyson.

Admission is FREE

Hwa Chong Institution, High School Auditorium
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