Exploring the Hidden Dimensions of our Universe Through Geometry

WITH DR. SHING-TUNG YAU
Winner of prestigious awards including the Fields Medal, the Wolf Prize, and the U.S. National Medal of Science

FREE PUBLIC LECTURE

Thursday, April 26, 2018 | 7:00 PM
Crystal Cove Auditorium – UC Irvine Student Center

Historically, advances in mathematics and our understanding of the physical universe have often gone hand in hand. Come hear from one of the world’s most distinguished mathematicians how this close interplay has continued to deepen in recent times with new mathematical breakthroughs in geometry and exciting physical theories that propose extra hidden dimensions in our universe.

Shing-Tung Yau is Harvard University’s William Caspar Graustein Chair Professor of Mathematics and Professor of Physics. His worldwide influence on mathematics and math and science education has few equals. He has made seminal contributions in many different fields of modern mathematics and also has had significant impact in physics, computer science, and technology. His many celebrated achievements include laying the mathematical foundation of Einstein’s general theory of relativity and many of today’s physical theories of spacetime with extra dimensions. Throughout his career, he has been a tireless educator having initiated a number of math and science competitions at the high school and university levels, established seven worldclass mathematical research centers worldwide, and also wrote three noted popular science books.

Shing-Tung Yau was born in 1949 in Guangdong, China. He earned his Ph.D. from UC Berkeley in 1971, was appointed Professor at Stanford University in 1974, and joined Harvard University in 1987. He is a member of the U.S. National Academy of Sciences, the American Academy of Arts and Sciences, and the Academia Sinica. He has been awarded numerous top prizes including the Fields Medal, the MacArthur Fellowship, the Wolf Prize, and the U.S. National Medal of Science.

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