Dr. Steven Weinberg

Nobel Laureate and Distinguished Professor of the Department of Physics and Department of Astronomy at UT Austin

“The Standard Model, Higgs Boson: Who Cares?”

When: 7:30 p.m. Wednesday, October 24
Where: Texas Hall, UT Arlington
The event is free and open to the public

The International Workshop on Future Linear Colliders (www.lcws12.org) will be held at UT Arlington from Oct. 22-26, 2012. The conference will draw hundreds of physicists from all over the world. As part of conference tradition, Professor Steven Weinberg of the University of Texas at Austin, a Nobel Laureate, will give a public lecture. He is one of the theorists responsible for the Standard Model and was awarded the Nobel Prize in 1979 along with S. Glashow and A. Salam. With the discovery of a Higgs-like boson at the Large Hadron Collider at the European Center for Nuclear and Particle Physics (CERN) in Geneva, Professor Weinberg will put the discovery in context of the Standard Model, the theory of particle physics, and give some perspectives on what the completion of the theory means to our everyday lives.

Steven Weinberg holds the Jack S. Josey-Welch Foundation Regental Chair in Science at UT Austin. His research on elementary particles and cosmology has been honored with numerous prizes and awards, including the Nobel Prize in Physics in 1979 and the National Medal of Science in 1991. In 2004 he received the Benjamin Franklin Medal of the American Philosophical Society, with a citation that said he is “considered by many to be the preeminent theoretical physicist alive in the world today.” He has been elected to the U.S. National Academy of Sciences and Britain’s Royal Society, as well as to the American Philosophical Society and the American Academy of Arts and Sciences. He is the author of over 300 articles on elementary particle physics as well as numerous books and periodical articles. Educated at Cornell, Copenhagen and Princeton, he also holds honorary doctoral degrees from 16 other universities. He taught at Columbia, Berkeley, M.I.T., and Harvard before coming to Texas in 1982.

This event is made possible thanks to the generous support of the UT Arlington Office of the President. Support and coordination provided by the UT Arlington Department of Physics. For more information, please contact: Margie Jackymack at jackymack@uta.edu, Dr. Jaehoon Yu at jaehoonyu@uta.edu or Dr. Andrew White at awhite@uta.edu.