Dr. Burton Richter, Nobel Laureate, Stanford University

Dr. Burton Richter is the Paul Pigott Professor in the Physical Sciences Emeritus at Stanford University, the former Director of the SLAC National Accelerator Center, and currently a Senior Fellow in Stanford’s Precourt Institute on Energy and Woods Institute on Environment. Richter discovered a new kind of subatomic particle after leading the construction of an advanced colliding beam in a program sponsored by the U.S. Atomic Energy Commission for which he was awarded the Nobel Prize in Physics (1976) and the E.O. Lawrence Medal of the Department of Energy (1976) in light of his discoveries. He received the Department of Energy’s Fermi Award in 2012, the Department’s highest lifetime achievement award, for his work in science, public policy and energy. He received the National Medal of Science in 2014 for his lifetime work.

Dr. Richter will engage in a lively discussion with Professor Nate Lewis ('77), George L. Argyros Professor of Chemistry after the lecture.

Energy supply and global climate change are two of the most important issues humanity faces today. This updated, second edition of Burton Richter’s award winning book assesses energy demand over the century and the sensible, senseless and biased proposals for averting the potentially disastrous consequences of global warming, allowing the reader to draw their own conclusions on switching to more sustainable energy provision. Burton Richter is a Nobel Prize-winning scientist who has served on many US and international review committees on climate change and energy issues. He provides a concise overview of our knowledge and uncertainties within climate change science, discusses current energy demand and supply patterns, and the energy options available to cut emissions of greenhouse gases. Written in non-technical language, this book presents a balanced view of options for moving from our heavy reliance on fossil fuels into a much more sustainable energy system, and is accessible to a wide range of readers without scientific backgrounds - students, policymakers and the concerned citizen.

Wednesday, February 18, 12:00 PM
Baxter Lecture Hall Auditorium
FREE  No tickets or reservations required
Autographed copies of Beyond Smoke and Mirrors will be available for sale immediately following the seminar