Foundation for India Studies

A 501(C3) Non-Profit Organization
Celebrating 3rd Anniversary with
Distinguished *Leader speaker series*
Presents
Padma Vibhushan

Dr. E.C.G. Sudarshan

Six times Nobel Prize nominee
Author and professor at The University of Texas at Austin.

Dr. Sudarshan has been enormously prolific—authoring over 400 important papers—and his work is credited with elucidating several important topics in physics and impacting many leading physicists. His contributions to the field of Quantum Optics were very significant and his theory of the weak force eventually paved the way for the electroweak theory. He also developed a quantum representation of coherent light. On the one hand, **Dr. Sudarshan** is known for his cracking revelations, which shattered the established wisdom, propounded by Albert Einstein that no particles travel faster than light. **Dr. Sudarshan's** theorem proves the equivalence of classical wave optics to quantum optics. The theorem makes use of the Sudarshan-Glauber representation. This representation also predicts optical effects that are purely quantum, and cannot be explained classically.

Topic: MODERN INDIA'S EXPANDING ROLE IN SCIENCE

Saturday, November 15, 2008

Bauer College of Business, Auditorium MH180

Reception & Refreshments: 5:30 to 6:15 p.m.
Lecture: 6:30 to 7:30 p.m. with Q&A to follow
Free Admission and Free parking

For Information: Call 281-494-7656 / 713-795-5169 / 979-240-9496 / 713-743-4689