

## **R. RAJARAMAN**

R. Rajaraman (Co-Chair of the International panel on Fissile Materials) is Emeritus Professor of theoretical physics at the Jawaharlal Nehru University, New Delhi. He got his PhD in theoretical physics from Cornell University in 1963 (with Hans Bethe). Subsequently he taught and did research at Cornell University, the Institute for Advanced Study in Princeton and the Indian Institute of Science in Bangalore. He has also been a long-term visiting scientist at Harvard University, M.I.T., Stanford University and CERN. Since 2000, he has been a regular summer visitor with Princeton's Program on Science and Global Security

His primary research work for four decades had been on different areas of theoretical physics, including Many-body theory, Particle Physics, Quantum field theory, Soliton physics and Quantum Hall systems.

But since the 1998 nuclear tests, he has been devoting most of his time to research and writing on arms control issues in the S Asian context. He has written on the dangers of accidental nuclear war, the limitations of civil defense and early warning against nuclear attacks in the region and on capping South Asia's nuclear arsenals. He has been analyzing in a series of articles the Indo-US nuclear Agreement and its impact on fissile material production in India. More recently he has argued for investing much greater urgency in the global disarmament process, if nuclear terrorism and proliferation are to be successfully combated.