

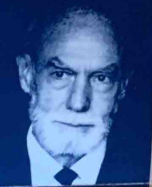
Dr. Brian Josephson

"SCIENCE AND RELIGION: HOW TO MAKE THE SYNTHESIS?"



Dr. Roger Sperry

"CHANGED CONCEPTS OF BRAIN AND CONSCIOUSNESS"



December 3 and 4, 1982

DR. BRIAN JOSEPHSON

Conventional approaches in science de-emphasize those aspects of the natural world which might be relevant to religion. The time is ripe for changes in focus and point of view. This may come about through a scientific re-examination of Eastern philosophies.

Dr. Josephson received the Nobel Prize in Physics in 1973 for his pioneering research in superconductivity. Born in Cardiff, Wales, he is Professor of Physics at the University of Cambridge, and Professorial Fellow of Trinity College, Cambridge. He worked originally in physics, predicting theoretically among other research work the widely applied supercurrents through insulating barriers. Josephson then turned to problems involving the mind with particular interests in general problems of intelligence, language, meditation and higher states of consciousness and psychic phenomena. He co-edited the book Consciousness and the Physical World.

DR. ROGER SPERRY

Changed concepts of brain and consciousness bring a new outlook in which mind supersedes and controls matter, and the natural world and human psyche no longer reduce to quantum mechanics. Science — its scope, limitations, world picture and the image and role of science as an intellectual and cultural force — is fundamentally reformed, as is the position of science in respect to human values and moral judgement. Exploring far-reaching consequences, we must now reverse traditional teachings that science and value questions belong in separate realms and that one must not be applied to the other. Merging the two is not only feasible but urgently needed. On such new terms a fusion of ethics, religion and science offers the prime hope for tomorrow's world, providing a humane reversal of the vicious spirals of worsening world conditions.

Dr. Sperry received the Nobel Prize in Medicine/Physiology in 1981 for his delineation of the functions of both hemispheres of the brain. Born in Hartford, Connecticut, he received the Ph. D. in zoology from the University of Chicago. Since 1954 he has been Hixon Professor of Psychobiology at the California Institute of Technology, Pasadena. Sperry is on the editorial advisory boards of Experimental Neurology, Experimental Brain Research, Neuropsychologia, The International Journal of Neuroscience, Behavioral Biology and Zygon.