Why Can’t Time Run Backwards?

The fundamental microscopic laws of classical or quantum-mechanical physics look exactly the same if the direction of time is reversed. Dr. Leggett asks: What is the origin of the “arrow” of time?

2003 Nobel Prize in Physics recipient
Sir Anthony J. Leggett is widely recognized as a world leader in superfluidity. He is a member of the National Academy of Sciences, and the American Philosophical Society among many other prestigious bodies, and was knighted by Queen Elizabeth II in 2004 “for services to physics.” He currently serves as a Professor of Physics at University of Illinois.

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FEIGL LECTURE

Dr. Leggett will also give a technical talk entitled “Theorem, Entanglement, Quantum Teleportation and All That” on Thursday, March 28, 4:10 PM in Lewis Lab 270

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