

2007

Anson L. Clark Memorial Lecture Series

Bringing distinguished natural science, mathematics and engineering lecturers to North Texas high school students since 1971.

Featuring

Dr. Anthony J. Leggett



Recipient of the Nobel Prize in Physics 2003 for “pioneering contributions to the theory of superconductors and superfluids” and the John D. and Catherine T. MacArthur Chair of Physics at the University of Illinois

Why Can't Time Run Backwards?

We can all tell when a movie of some everyday event, such as a kettle boiling or a glass shattering, is run backwards. Similarly, we all feel that we can remember the past and affect the future, not vice versa. There is a very clear “arrow” (direction) of time built into our interpretation of our everyday experience. The fundamental microscopic laws of physics look exactly the same if the direction of time is reversed. **So what is the origin of the “arrow” of time?**

Thursday, March 29, 2007

12 PM – 1 PM

**UT Dallas Student Activities Center
AB1.2**

For more information, contact Diana Wilson-Willis at **972-883-4153** or at **diana.willis@utdallas.edu** or visit **www.utdallas.edu/nsm/news**

