



California Institute of Technology (Caltech) chemist and physicist Ahmed Zewail won the 1999 Nobel Prize in Chemistry for his “pioneering developments in the world of femtoscience,” which explores the ultrafast dynamics of molecular processes. Professor Zewail’s groundbreaking research has enabled scientists to observe the movement of individual atoms in a femtosecond—a millionth of a billionth of a second. Described by the Royal Swedish Academy as having “brought about a revolution in chemistry and adjacent sciences,” Professor Zewail’s work allows scientists to probe nature at its most fundamental level. His research aims at a better understanding of the way chemical bonds form and break, through the use of advanced laser technologies.

Now a U.S. citizen, Professor Zewail was born and raised in Egypt, where he received both his bachelor’s and master’s degrees from Alexandria University. He earned his doctorate from the University of Pennsylvania in 1974. He has been honored as a Fellow of the American Physical Society (1982), and as a member of the National Academy of Sciences (1989), the American Academy of Arts and Sciences (1993), and the European Academy of Arts, Sciences, and Humanities (1994). In addition to the Nobel Prize, other international awards include the Welch Prize, King Faisal Prize, the Wolf Prize, and the Benjamin Franklin Medal.

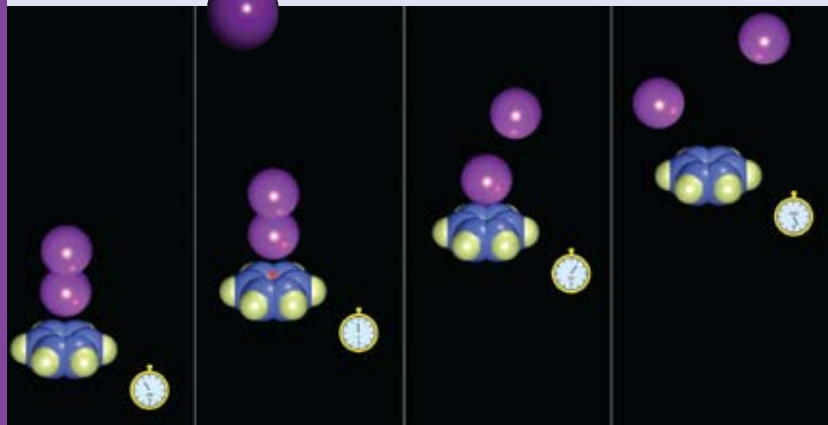
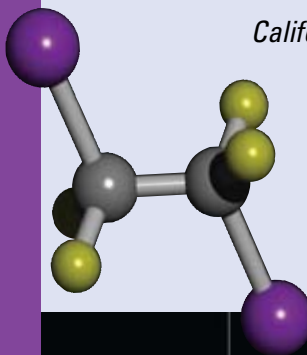
Mysteries of Time

The Ohio State University Department of Physics
presents the
46th Annual Smith Lecture

Tuesday, April 22, 2008
8 p.m.
100 Independence Hall
1923 Neil Ave. Mall

Ahmed H. Zewail

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