

## PUBLICATIONS

**Professor Ahmed H. Zewail**

### Books

1. *Advances in Laser Spectroscopy I*, ed. A. H. Zewail, SPIE, Bellingham, 1977
2. *Advances in Laser Chemistry*, ed. A. H. Zewail, Springer-Verlag, Berlin-Heidelberg, 1978
3. *Photochemistry and Photobiology, Vols. 1 and 2*, ed. A. H. Zewail, Harwood Academic, London, 1983
4. *Ultrafast Phenomena VII*, eds. C. B. Harris, E. P. Ippen, G. A. Mourou and A. H. Zewail, Springer-Verlag, Berlin-Heidelberg, 1990
5. *The Chemical Bond: Structure and Dynamics*, ed. A. H. Zewail, Academic Press, Boston, 1992
6. *Ultrafast Phenomena VIII*, eds. J.-L. Martin, A. Migus, G. A. Mourou and A. H. Zewail, Springer-Verlag, Berlin-Heidelberg, 1993
7. *Ultrafast Phenomena IX*, eds. P. F. Barbara, W. H. Knox, G. A. Mourou and A. H. Zewail, Springer-Verlag, Berlin-Heidelberg, 1994
8. *Femtochemistry: Ultrafast Dynamics of the Chemical Bond, Vols. 1 and 2*, A. H. Zewail, World Scientific, Singapore, 1994
9. *Voyage Through Time: Walks of Life to the Nobel Prize*, A. H. Zewail, American University in Cairo (AUC), Cairo, 2002
10. *Age of Science (Asr Al Álm, in Arabic)*, A. H. Zewail, Dar Al Shorouk, Beirut-Cairo, 2005
11. *Time (Al Zaman, in Arabic)*, Book Series, A. H. Zewail, Dar Al Shorouk, Cairo, 2007
12. *Dialogue of Civilizations (Hewar Al Hadarat, in Arabic)*, Book Series, A. H. Zewail, Dar Al Shorouk, Cairo, 2007

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13. *Physical Biology: From Atoms to Medicine*, ed. A. H. Zewail, Imperial College Press, London, 2008

### **Patents**

1. Luminescent Solar Energy Concentrator Devices.  
A. H. Zewail and J. S. Batchelder, California Institute of Technology  
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2. Method and System for Ultrafast Photoelectron Microscope.  
A. H. Zewail and V. A. Lobastov, California Institute of Technology  
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3. Spectrophotometric Studies on Purpurine and Quinalizarin in Aqueous Solutions.  
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4. Optical Spectroscopic Determination of the Zero-Field Splitting in Vibronic Levels of the Triplet State of Nitrite.  
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See also:

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