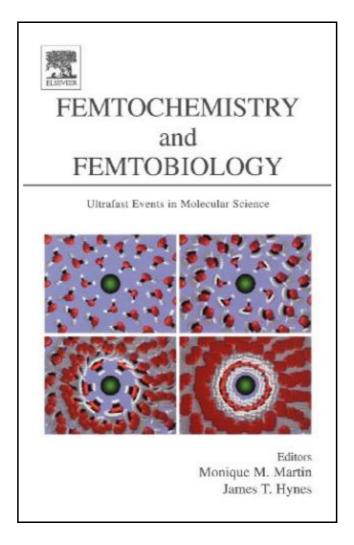
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Reviews

This ebook will never be effortless to get started on studying but extremely fun to read through. It is actually writter in easy phrases and never difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Pearl Corwin)

FEMTOCHEMISTRY AND FEMTOBIOLOGY: ULTRAFAST EVENTS IN MOLECULAR SCIENCE (HARDBACK)



ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2004. Hardback. Book Condition: New. New.. 246 x 175 mm. Language: English . Brand New Book. This book reflects the heights of knowledge of ultrafast chemical processes attained in these early years of the 21st century: the latest research in femtosecond and picosecond molecular processes in Chemistry and Biology, carried out around the world, is described here in more than 110 articles. The results were presented and discussed at the VIth International Conference on Femtochemistry, in Paris, France, from July 6 to July 10, 2003. The articles published here were reviewed by referees selected from specialists in the Femtochemistry community, guaranteeing a collective responsability for the quality of the research reported in the next 564 pages. Femtochemistry is an ever-growing field, where new research areas are constantly opening up, and one which both stimulates and accompanies the development of ultrafast technologies. The increasing interest in femtobiology and chemistry at the frontier with biology is an obvious indicator of the present impact of life sciences in our society. New materials and reactions at surfaces are also some of the relatively new topics that promise rapid developments. New methodologies and technologies for probing and following in real time molecular dynamical phenomena have appeared within the last ten years or so. These methods, based on multidimensional IR spectroscopies, ultrafast X-ray and electron diffraction techniques, are well represented in this book. Of ever-improving performance, they are now applied to the characterization of structural dynamics of an increasing number of chemical and biological systems. This book reports the state of research in Femtochemistry and Femtobiology presented at Paris, at the Maison de la Chimie, in July 2003, representing the tenth anniversary of the conference. It is an overview of the most recent research on ultrafast events. It talks about the...

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