

## Editorial for Special Issue on Multiphoton Processes

With the rapid development of ultrafast intense laser technologies, the interaction of intense laser radiation with matter has been a frontier for few decades. The International Conference on Multiphoton Processes (ICOMP), initiated in 1977, covers the latest advances in the field every three years. The special issue is based on the spirit of the 13th International Conference on Multi-Photon Processes, ICOMP13, which was held in Shanghai, organized by Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, on Dec. 7-10, 2014.

This special issue of Chinese Optics Letters contains a collection of articles originating from the ICOMP13. The conference focused on nonlinear optical interaction, multiphoton processes, strong field ionization of atoms and molecules, quantum control of atomic and molecular dynamics, intense laser-field science, laser acceleration of electron and ions, imaging of electronic and nuclear dynamics, XFEL and XUV pulse generation, and laser machining.

We would like to take this opportunity to thank all the participants of ICOMP13, and in particular the contributors to this issue, for their high quality of science presented at the conference and in this journal. The success of the conference would not have been possible without the international scientific committee and the local organizing committee. We also want to thank the Secretary general of ICOMP13, Prof. Tie-Jun Wang for his valuable help in ensuring the timely production of this special issue.

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