Message from the Guest Editors

Dear Colleagues,

Since the first demonstration of attosecond pulses in 2001, the field of attosecond has grown exponentially. Impressive progress in laser technology and the introduction of novel experimental techniques have opened the way to the investigation and control of ultrafast electron dynamics in atoms, molecule, and solids. This Special Issue aims to analyze recent advances in “Attosecond Science and Technology”.

Topics of interest include, but are not limited to the following areas: (1) Advanced laser technology for attosecond science; (2) High-order harmonic generation in gases and solids; (3) Attosecond pulse generation and characterization; (4) Attosecond measurement; (5) Ultrafast phenomena on attosecond, few-femtosecond timescales in atoms, molecules, nanostructures and condensed phase; (6) New sources of ultrafast XUV and X-rays.

Prof. Dr. Mauro Nisoli; Dr. Matteo Lucchini

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