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Sommario/riassunto

The first broad and in-depth overview of current research in attosecond nanophysics, covering the field of active plasmonics via attosecond science in metals and dielectrics to novel imaging techniques with the highest spatial and temporal resolution. The authors are pioneers in the field and present here new developments and potential novel applications for ultra-fast data communication and processing, discussing the investigation of the natural timescale of electron dynamics in nanoscale solid state systems. Both an introduction for starting graduate students, as well as a look at the current
