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Recent progress in generating femtosecond pulses using 2D materials

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Abstract

2D materials have been studied in basic research and used in technological applications in many areas of physics and related fields because they have extraordinary properties and are relatively easy to obtain and friendly to work with. In laser physics and technology, 2D materials simplify the way to obtain femtosecond pulses and have become a powerful tool in the ultra-fast field. In this talk we will show the latest results on the generation of femtosecond pulses using various 2D materials.