

Versatile GHz Burst-Mode Operation in High-Power Femtosecond Laser

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A new versatile patent-pending method to generate ultra-high (>2 GHz) repetition rate bursts of ultrashort laser pulses containing any number of pulses within a burst with identical pulse separation and adjustable amplitude is introduced in industrial-grade 30 W-level average power ultrashort (sub-1 ps) pulse laser system.

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