Hybrid mode-locked ultrashort-pulse erbium-doped fiber laser for the development of femtosecond scaler

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In this paper we consider an implementation of fs-laser with CNT-film for mode-locking. Scheme of single-pulse, self-starting, stable mode-locked laser generation by appropriate polarization controllers adjustment is suggested.

Keywords: *carbon nanotubes, femtosecond laser, frequency divider, mode locking.*

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