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Carrier-envelope-phase Stabilized KLM Yb:CYA Laser with Feed-forward Scheme

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We report a carrier-envelope phase stabilized kerr-lens mode locking (KLM) Yb:CYA laser with feed-forward methods. Signal-to-noise (SNR) of the out-of-loop carrier-envelope-offset (CEO) was measured to be 38 dB. Timing jitter of the stabilized CEO was 44 as.

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