

Sub-30 fs Kerr-lens mode-locked Ytterbium-activated orthoaluminate laser

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Here, we report on a sub-30 fs Yb:YAP laser delivering soliton pulses as short as 24 fs at 1085 nm with an average output power of 186 mW and a pulse repetition rate of 87.8 MHz via soft-aperture Kerr-lens mode-locking (KLM).

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