

50-W, >2- μ J SESAM-modelocked Ho:YAG thin-disk oscillator at 2.1 μ m

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We report our recent progress in power-scaling of short-wave infrared laser systems by demonstrating high-power SESAM-modelocked thin-disk Ho:YAG oscillator, delivering record average power of 50 W and more than 2 μ J of pulse energy at the central wavelength of 2092 nm.

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