

Recent advances in SWIR and MWIR solid-state and fiber sources

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Recent developments in two-micron thulium and thulium-holmium doped solid-state and fiber lasers allow for significant average-power and pulse-energy scaling, important for mid-IR OPO pumping, materials processing and communication. A focus is put on all-fiber designs and robust, if possible self-aligning, laser resonators, which allow for stable and ruggedized designs.

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