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Spectral Broadening of a 500W, 5mJ Femtosecond Laser

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In this contribution, we present a significant up-scaling of the average power of stretched hollow-core-fibers by spectrally broaden 5 mJ, 500 W, 280 fs pulses in a 4 m long, 450 μm inner-diameter fiber to a bandwidth supporting sub-17fs pulses.

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