

Supplementary information for:

Laser flash photolysis with subnanoliter samples. Photonic crystal fibers as ultrasmall smart test tubes

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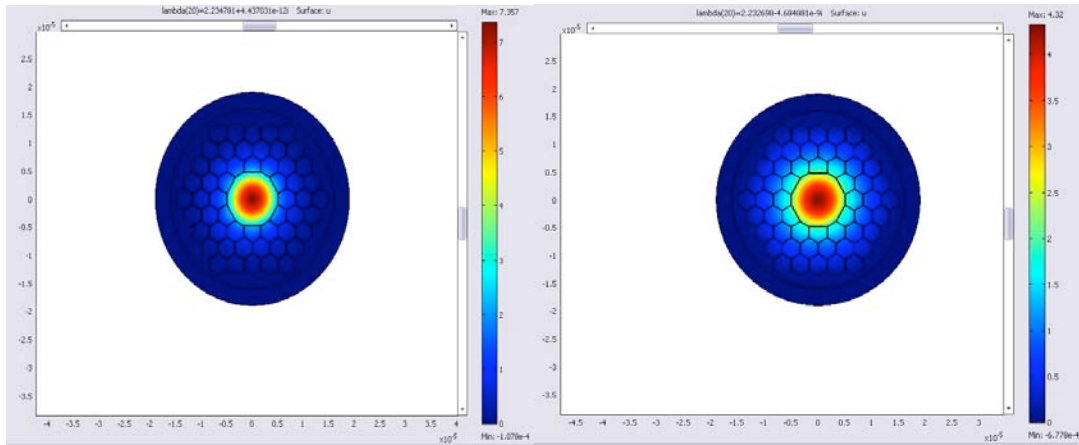


Figure S1a

Figure S1b

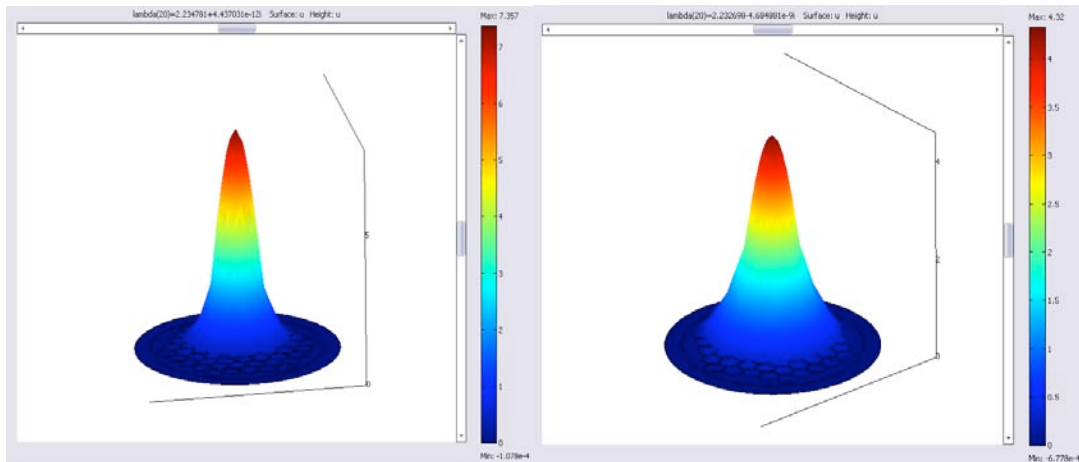


Figure S1c

Figure S1d

Figure S1 Simulation results for HC-1060 fiber filled with toluene at 1060 nm (left), and simulation results for HC-1060 fiber filled with toluene at 1550 nm (right), illustrating the ability to transmit various wavelengths when the liquid refractive index is high.

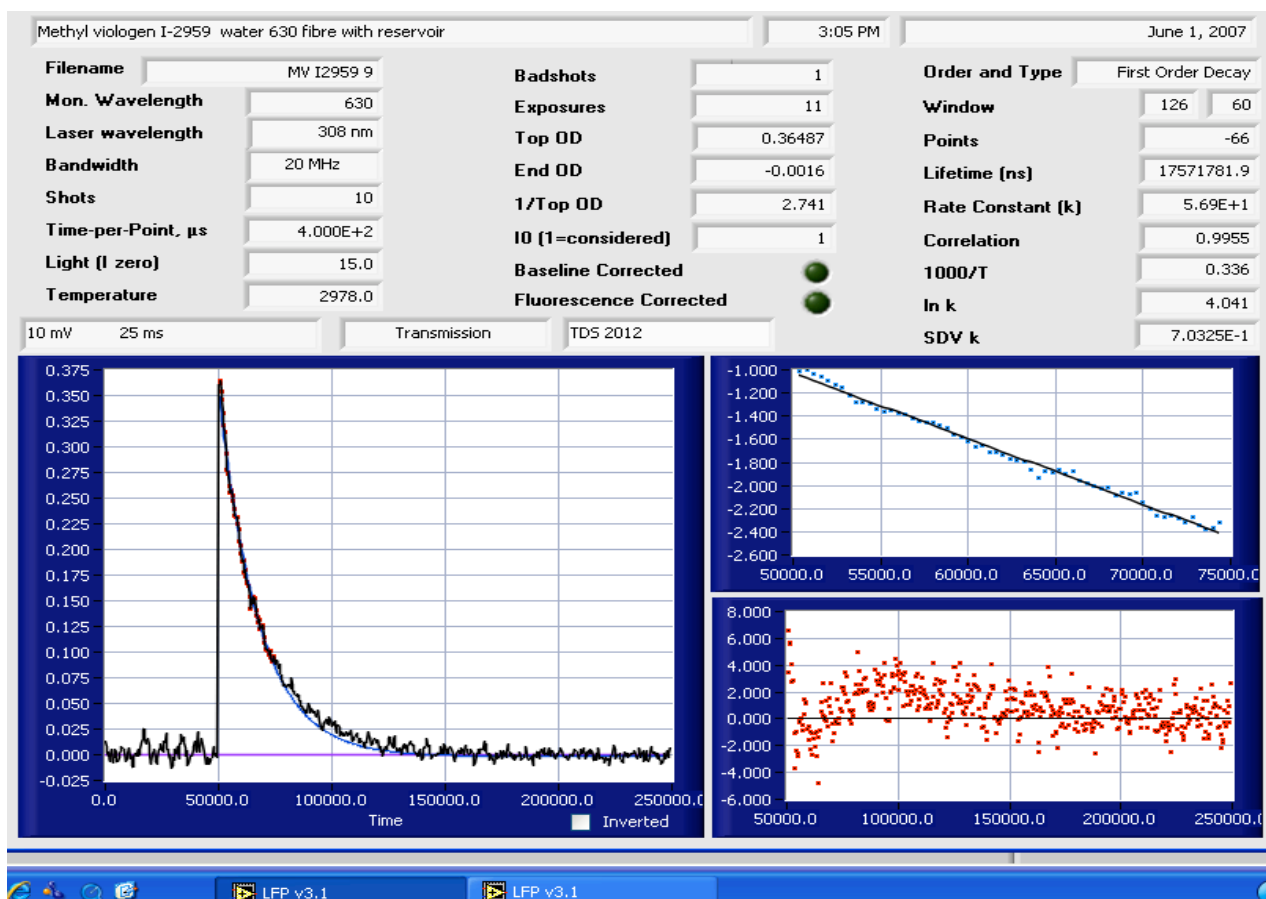


Figure S2: Representative screen capture from the Luzchem LFP software. The sample contains methyl viologen and I-2959 dissolved in water and the species monitored is the radical cation from methyl viologen. The time units in the main graph are microseconds and the blue fit corresponds to a monoexponential decay. The corresponding semilog plot is the small upper graph and the bottom right corner shows the distribution of residuals. The temperature reading is meaningless in this case because the probe that is part of the LFP system cannot be connected to the fiber.