Supplementary Information

High-sensitive fiber SERS probes fabricated with laser-induced self-assembly method in meniscus

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1. Supplementary figures

**Fig. S1** SEM images of fiber SERS probe at different positions along the diameter of fiber. The probe is fabricated with the laser power of 70 mW and laser irradiation time of 70 s. Basically uniformed distributions of nanoparticles at the whole fiber facet can be observed.
2. Supplementary Videos

Three Videos record the dynamical growth process of fiber SERS probes fabricated with different growth conditions as Table 1 (Video I: Case A, Video II: Case B and Video III: Case C).