

Movie S1: Water condensation on PDMS: Optical microscope movie (magnitude X16) of condensed water droplets on horizontal surface of PDMS (accelerated time X10).

Movie S2: Water condensation on iPDMS: Optical microscope movie (magnitude X16) of condensed water droplets on horizontal surface of iPDMS (real time, 15 FPS).

Movie S3: Ability to collect condensed water for PDMS and iPDMS-2 μ m: Condensation on PDMS and iPDMS placed side by side on a vertical surface (accelerated time X50).

Movie S4: Zoom on the condensation on vertical iPDMS-2 μ m surface: Towards droplets mobility and re-nucleation (accelerated time X20).