Electronic Supplementary Information

A 2D Approach to Surface-Tension-Confined Fluidics on Parylene C

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In this file the videos related to the photographs in Fig.4 are provided.

V1: A water drop is gently lied onto the first reservoir, spreading towards the second one, confined in the channel and driven only by differences in surface energy onto the substrate. Video related to Fig.4(a-c).

V2: Superhydrophilic and superhydrophobic character of the surface inside and outside the channel. Video related to Fig.4d.

V3: While rotating the substrate of about 90° water stays confined into the channel. Video related to Fig.4(e-f).

V4: demonstration of the efficiency of the fabricated bidimensional Surface-Tension-Confined channel.

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