

Marangoni Self-Propelled Capsules in a Maze: Pollutants ‘Sense and Act’ in Complex Channel Environments

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Electronic Supplementary Information

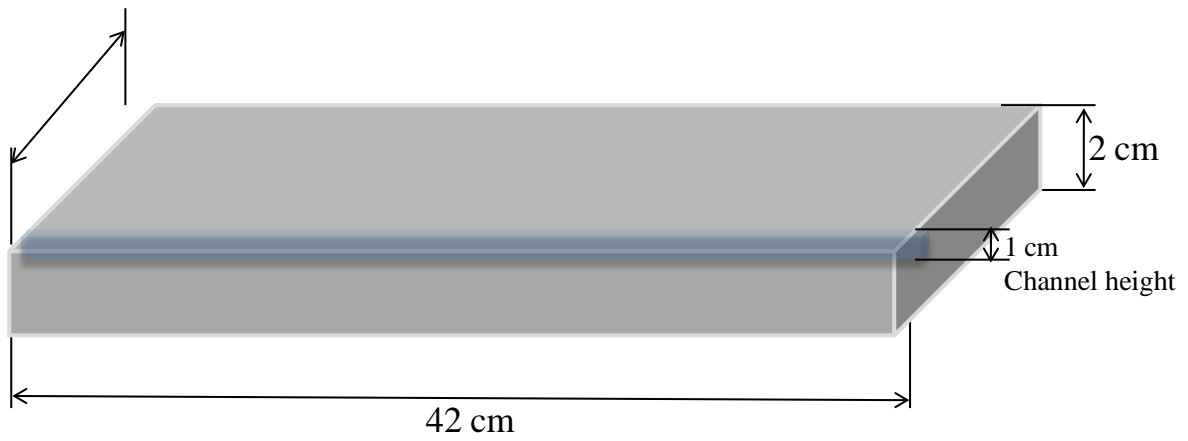
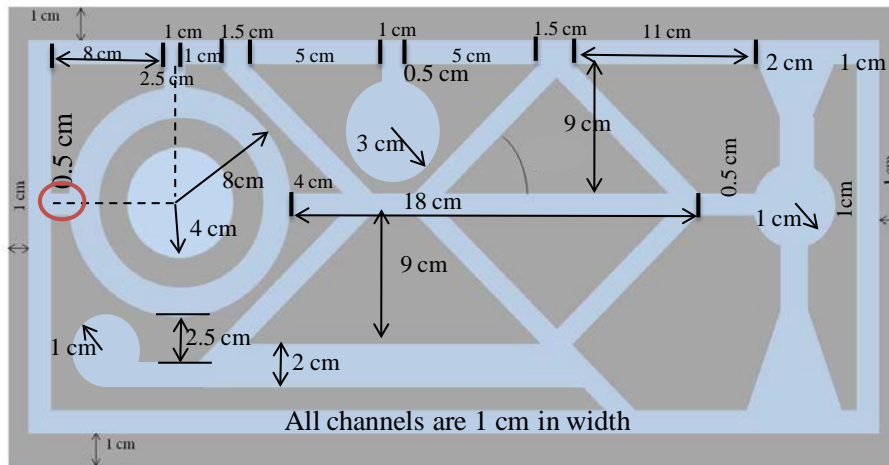


Figure S-1. Drawing In the design of the channel maze used in this work.

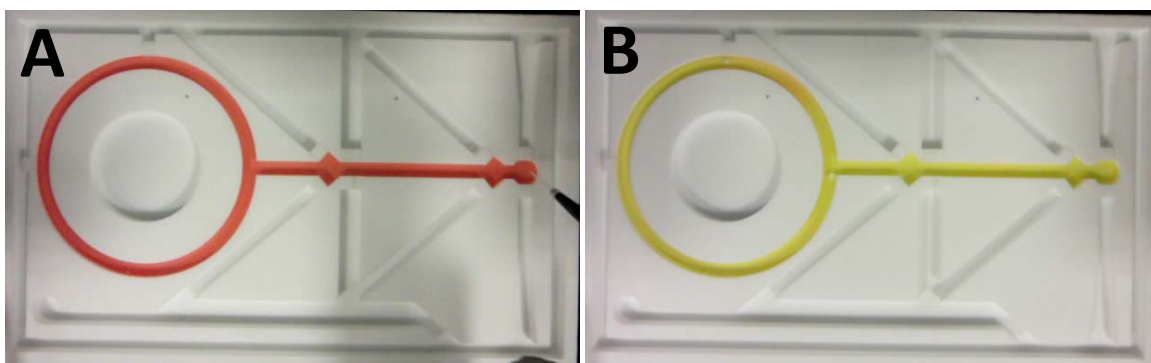


Figure S-2. Enhanced distribution of base into the modified design of maze channel. (A) The pH indicator methyl red was mixed into the water. (B) After application of 2 of the 4.5 wt% imdazole incorporated motors, it took 3 min for the whole channel to change color.

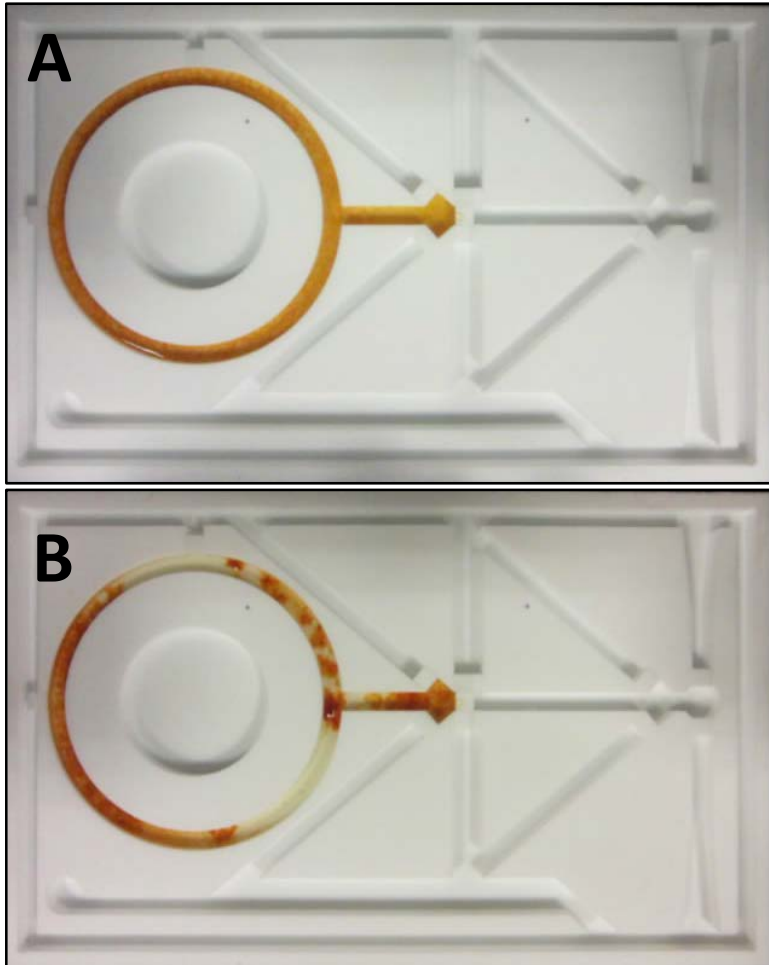


Figure S-3. Environmental clean-up using running SDS-incorporated capsule motors in another modified channel.