The bubble game
Ready for the challenge?

The bubble game
Level 1: Use 2 fingers to drive the bubble
Level 2: Use 4 fingers to drive the bubble

How to make PDMS chips
Structured silicon wafer
Liquid PDMS
Oven 2h at 70°C
Cut and punch the chips
Oxygen Plasma activation
Stick on glass slide

What happens with the PDMS Switch?
Flow Rate = Pressure / Hydro Resistance
Pressing the PDMS Switch:
→ Hydro Resistance goes up....
→ The flow rate is equal to 0

Source: Microfactory

The Sheep sorter

The microfluidic sorter
Droplet based microfluidics ESPCI LBC Sorting
https://www.youtube.com/watch?v=R3NpogICBjQ

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