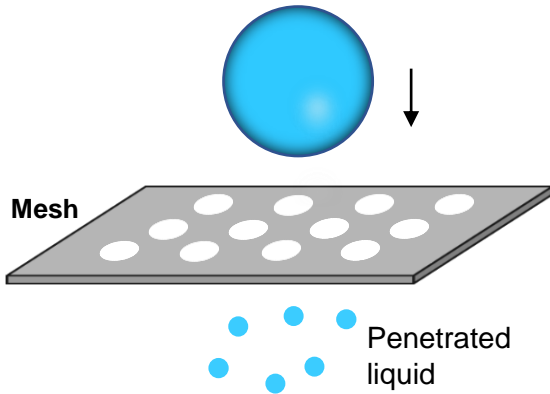


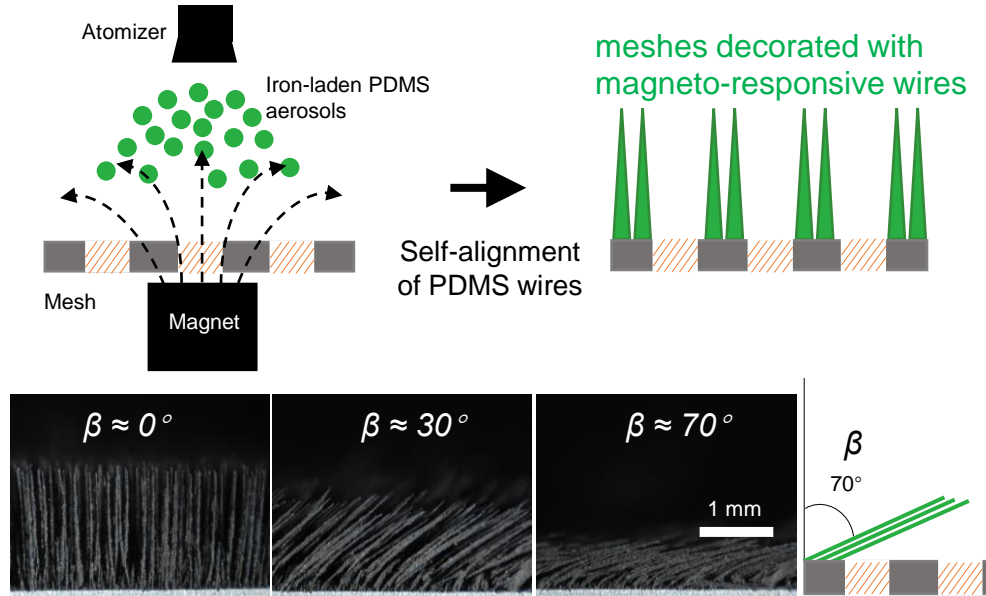
Droplet penetration



Objectives:

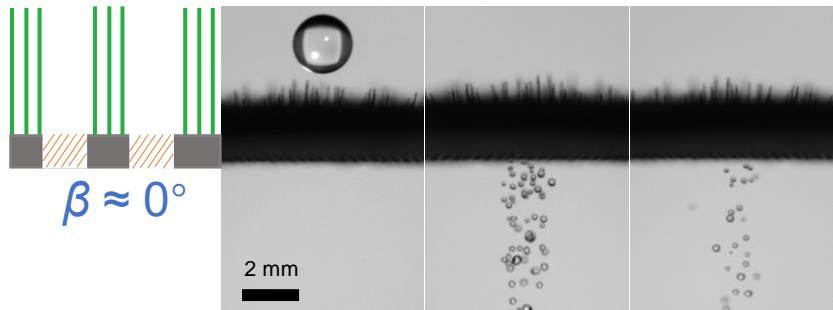
Can we **control** the amount of the penetrated liquid?

Methods



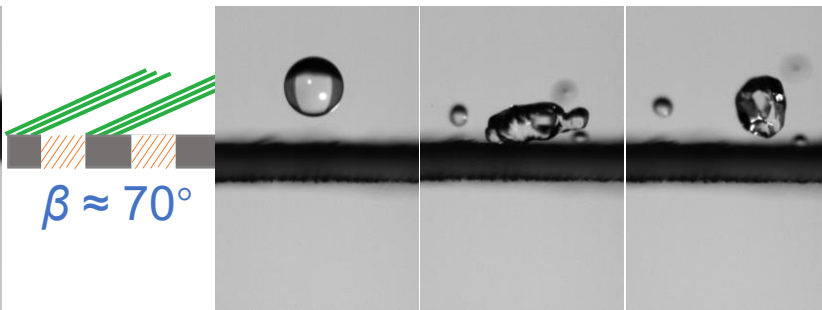
Real-Time Control of Liquid Permeability

Magnetic field off

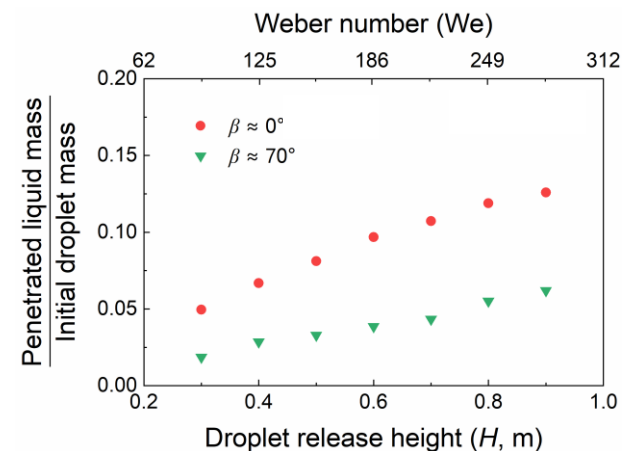


Liquid penetration (droplet released at 0.3 m)

Magnetic field on



No liquid penetration !



Conclusion:

Droplet penetration can be tuned in a real-time fashion using **meshes decorated with magneto-responsive wires**

We are hiring!

- 博士后
- 硕士、博士研究生
- 科研助理



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