

Abstract Submitted  
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**Liquid/liquid/solid contact angles** MARINE BOROCCO, PMMH, ESPCI, Paris, and LadHyX, Ecole Polytechnique, Palaiseau, France, CHARLOTTE PELLET, JEAN-REN AUTHELIN, Sanofi Pharmaceutical Engineering, Vitry-sur-Seine, France, CHRISTOPHE CLANET, DAVID QUR, PMMH, ESPCI, Paris, and LadHyX, Ecole Polytechnique, Palaiseau, France, COMPAGNIE DES INTERFACES TEAM — Many studies have investigated solid/liquid/air interfaces and their corresponding wetting properties. We discuss what happens in less-studied liquid/liquid/solid systems, and focus on questions of dynamical wetting in a tube, having in mind applications in detergency. We use a capillary tube filled with water and containing a slug of silicone oil (or vice-versa), and present a series of experiments to determine static and dynamic wetting properties corresponding to this situation. We also discuss interfacial aging of such systems.

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