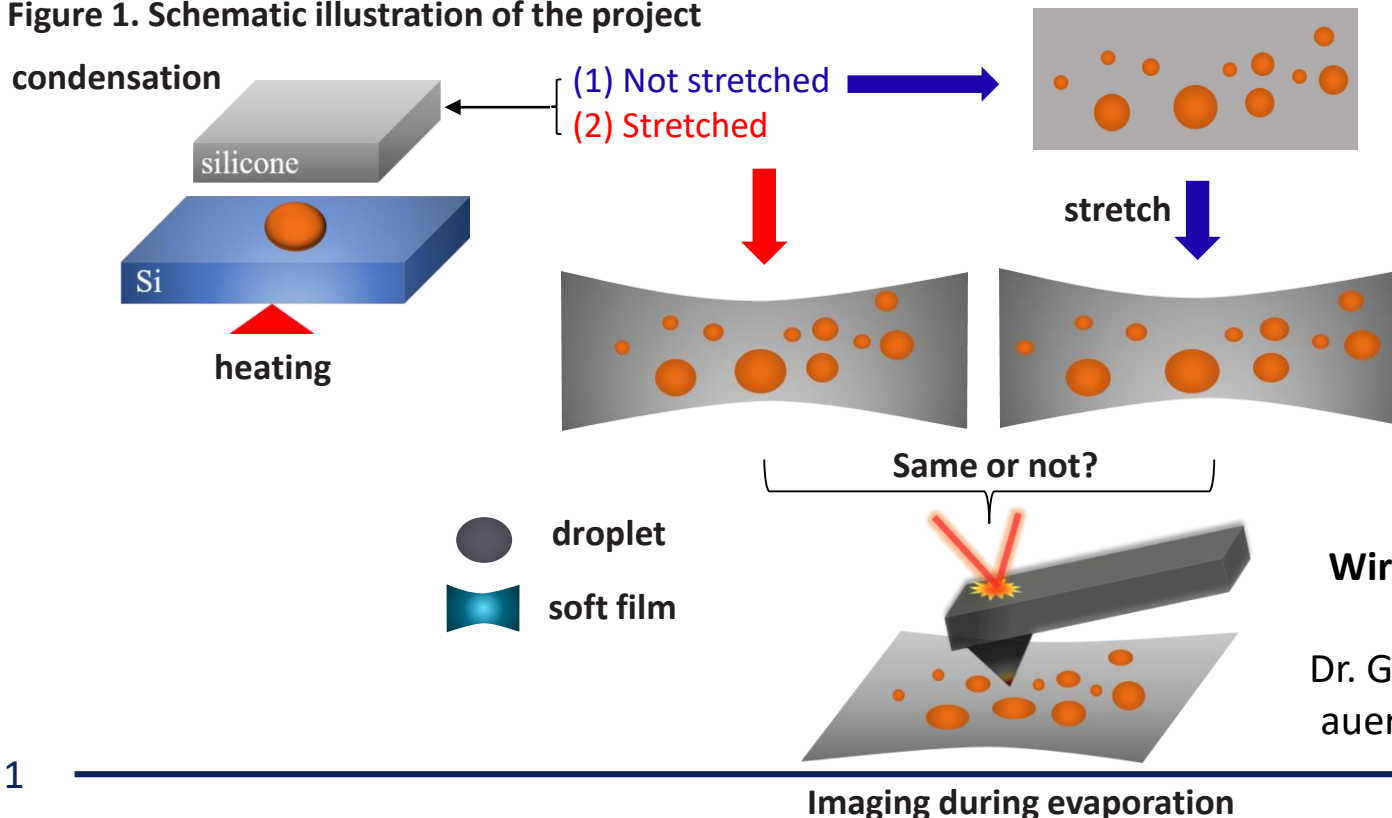


Micro-/nano-droplets evaporation on stretched soft films

Condensation and evaporation are very common phenomena in nature. In addition to the liquid property and environmental conditions, the property of the solid surface also plays an important role on these processes.

This project intends to investigate the evaporation dynamics of micro-/nano-droplets condensed on soft films with an anisotropic tension. Atomic force microscopy and confocal microscopy will be applied to image the 4D spatiotemporal morphologies of the evaporating droplets of soft films under different strains.

Figure 1. Schematic illustration of the project



Wir freuen uns auf eure
Rückmeldung!
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