

Workshop ““Mysteries” of Surface Phenomena”

Abstract

It is well-known that the chemical and physical properties of substances at surfaces differ from those in the bulk. By means of quantities such as surface tension and surface energy, phenomena known from everyday life like the lotus effect can be explained. Additionally, the motivating power of fascinating demonstrations can be used. During the workshop, the attendees have the opportunity to carry out such experiments at various stations according to the rotation model. Thus it is amazing to observe what happens when two soap bubbles of differing sizes are connected.