

Announcement of Seminar

Wetting – a multiscale phenomenon

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We study the structure and dynamics of interfaces. Our general aim is to derive a simple quantitative description of soft matter interfacial phenomena, which is based on fundamental physical laws. Major topics are interfacial forces and wetting, in particular wetting of super liquid-repellent surfaces, colloids and granular materials, crystallization in confinement, and photoresponsive materials. We investigate liquids that are internally structured at different length scales, such as polymer melts, solutions, dispersions, or emulsions. The methods we use include scanning probe techniques, confocal microscopy, fluorescence correlation spectroscopy, and X-ray scattering. To expand the range of length and time scales accessible, new methods are continuously developed. Our goal is to solve fundamental questions, with the perspective of future applications.

Date & Venue

15:00, 28th November, Thursday, 2019

South 8 Bldg., 5th Floor, Room 509

Tokyo Institute of Technology, Ookayama
campus



<https://www.titech.ac.jp/maps/ookayama/ookayama.html#>

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