

講演会のお知らせ

講師：江雷教授・院士

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Smart Interfacial Materials from Super-Wettability to Binary Cooperative Complementary Systems

日時：5月27日(金) 10:40 – 11:40

場所：5号館5136号室

Learning from nature and based on lotus leaves and fish scale, we developed super-wettability system: superhydrophobic, superoleophobic, superhydrophilic, superoleophilic surfaces in air and superoleophobic, superareophobic, superoleophilic, superareophilic surfaces under water. Further, we fabricated artificial materials with smart switchable super-wettability, i.e., nature-inspired binary cooperative complementary nanomaterials (BCCNMs) that consisting of two components with entirely opposite physicochemical properties at the nanoscale, are presented as a novel concept for the building of promising materials.

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