

NOVEL BIOMIMETIC FUNCTIONAL SURFACES

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At INM, we develop new micro- and nanopatterned surfaces for diverse functionalities ranging from anti-reflection to electric storage. An area of emphasis is the exploitation of bio-inspired polymeric features to create active surfaces ("gecko effect"). Besides studying fundamental mechanisms, the current emphasis is on engineering of switchable adhesive surfaces. Our resulting Gecomer® technology is of interest in robotics and handling, sports devices and implants.

FRIDAY,
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2:00 PM

CFEL
SEMINAR ROOMS I-III

