

GRK 2516 Soft Matter Seminar

July 7, 2022 at 3 p.m.
Minkowski Room, 05-119, Staudingerweg 7

Research seminar of the DFG Research Training Group GRK 2516 (<https://grk2516.uni-mainz.de>).

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Assembly Formation of Nanoparticles at a Soft Surface: Polymer Brush

The distribution of nanoparticles (NPs) within the polymer brush is a crucial element that determines their applicability, such as in nanosensors. The brush properties, such as grafting density, thickness, etc., can be used to control the structure formation of NPs. Here, we are interested in studying the assembly formation of NPs, in particular, by tuning the brush properties.