

物理教室
物性コロキウム

日時：11月10日(月) 16:30 - 18:05

場所：理学部 総合研究棟 921号室(物性理論セミナー室)

第1部

講師：Agur Sevink (Leiden University, The Netherlands)

題目：Pathways towards the Simulation of Complex Polymeric Vesicles

第2部

講師：Andrei Zvelindovsky (Leiden University, The Netherlands)

題目：Block Copolymers under External Fields

第1部要旨： I discuss the Necessary tools for the simulation of life-mimicking polymeric assemblies in the context of self-consistent field theory (SCF). A large number of examples show that the tools are already all there, and that the important step to be made in the near future is the connection of biological data and the simulational parameters: The data-to-model step.

第2部要旨： Dynamic Self-consistent field theory was applied to block copolymer under several types of external fields. Examples of electric field, sheared and confined melts are considered. Several types of structures (lamellar, cylindrical, and spherical) have been studied.

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16:15 よりコーヒー、紅茶、お菓子を用意します。

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