Phase transitions of lipid bilayers
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Publications

  “Phase behavior and induced interdigitation in bilayers studied with dissipative particle dynamics”

  “Hoe werken anesthetica? Een numeriek model”

  “Investigating surfactant efficiency with Dissipative Particle Dynamics”

  “Effect of surfactant structure on interfacial properties”

  “Molecular simulations of mesoscopic bilayer phases”

  “The carbon-oxygen bond dissociation enthalpies in organic peroxyl radicals”

  “Lignin depolymerization in hydrogen donor solvents”

  “The reactivity of o-hydroxybenzyl alcohol in solution at elevated temperatures”

Oral presentations

- M. Kranenburg and B. Smit, Summerschool “Coarse graining methods”, 2001, Sjokulla, Finland
  - “On the mapping of a phospholipid on a coarse-grained model”
  - “DPD simulations of surfactants in an oil-water system”
**Poster presentations**

  “Creating a DPD-model of a phospholipid bilayer”

- M. Kranenburg, M. Venturoli, and B. Smit, Physics meets biology, **2001**, Helsinki, Finland
  “Creating a coarse-grained model of a phospholipid”

  “On the mapping of a phospholipid on a coarse-grained model”

- M. Kranenburg, M. Venturoli, and B. Smit, Biophysics Europe, **2000**, Munich, Germany
  “Creating a coarse-grained model of a phospholipid”

  “On the mapping of a phospholipid on a coarse-grained model”