

Department of Physics and Astronomy
Heidelberg University

Bachelor Thesis in Physics
submitted by

Gabriel Scherer

born in Mainz (Germany)

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About ...

This Bachelor Thesis has been carried out by Gabriel Scherer at the

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Prof. Tristan Bereau

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Abstract

1 Introduction

1.1 Coarse-grained models

Coarse grained molecular dynamic models like the MARTINI model are a very effective to simulate large molecular systems. Unlike all atom simulation which aim to simulate the trajectories of every atom, the idea is to substitute groups of atoms by a bead which is given properties that match the corresponding atoms.