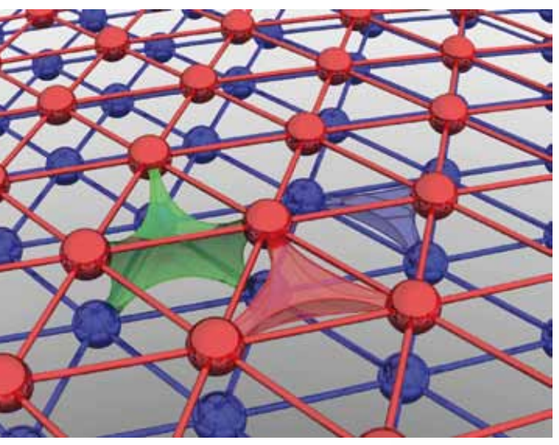
CARL VON OSSIETZKY universität OLDENBURG

Summer School

August 20 – 31, 2012, University of Oldenburg, Germany

MODERN COMPUTATIONAL SCIENCE *OPTIMIZATION*

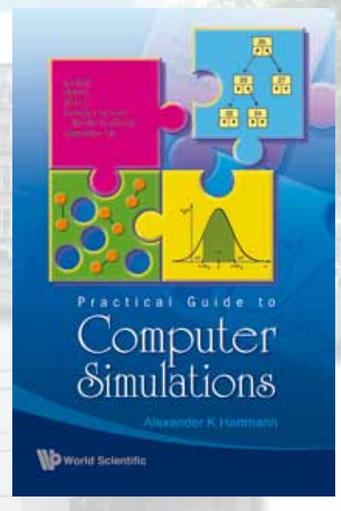


Fundamentals:
software engineering, complexity theory, data analysis, Monte Carlo simulations, basic numerical optimization

Optimization algorithms:
interval methods, evolutionary algorithms, convex optimization, optimization with uncertainty

Applications:
phase transitions in optimization problems, quantum chemistry, bioinformatics, protein folding

for advanced (including PhD) students in the Natural Sciences, Mathematics, Informatics, and Engineering



DAAD Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

EWE STIFTUNG

www. mcs.uni-oldenburg.de

Fee (including accommodation, breakfast, dinner, course material, and, for DAAD grants, travel support):
100 € (supported students)

mcs@uni-oldenburg.de

Organization
Prof. Dr. M. Fränzle
Prof. Dr. A. K. Hartmann
Dr. Reinhard Leidl
University of Oldenburg