



Prof. Dr. Wilhelm Huisinga

University of Potsdam
Institute of Mathematics
Science Park Golm
Karl-Liebknecht-Str. 24/25
D-14476 Potsdam Golm
email: huisinga@uni-potsdam.de
(<mailto:huisinga@uni-potsdam.de>)
Phone: +49 (0)331 / 977 5933
Fax: +49 (0)331 / 977 10 45

Research Interests

Mathematical modeling, theoretical analysis and numerical approximation of the effective dynamical behaviour of stochastic and deterministic dynamical systems. Design of reduced-order descriptions based on stochastic remodeling aiming at fast and reliable algorithms for complex problems. Application to conformation dynamics of biomolecules, stochastic modeling on a cellular level, and pharmacokinetics.