

Summer School
September 3 - 14, 2018,
University of Oldenburg, Germany

MODERN COMPUTATIONAL SCIENCE

ENERGY OF THE FUTURE

Fundamentals:
high-performance computing,
data analysis,
Monte Carlo simulations,
differential equations, networks

Energy simulations:
computational fluid dynamics,
energy networks,
collective dynamics of power grids,
analysis of wind data,
short-term weather prediction

for advanced (including PhD) students
in the Natural Sciences, Mathematics, Computer Science



Application and contact:
www.mcs.uni-oldenburg.de
mcs@uni-oldenburg.de

DAAD Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Organization
Dr. S. Harfst
Prof. Dr. A. K. Hartmann
Carl von Ossietzky
Universität Oldenburg

Fee: 350 Euro (including course
material, excursions and dinners)
DAAD grants available (including
reduced fee, accomodation and
travel support)

