



Background

- ▶ studied chemistry at Ruhr-University Bochum
- ▶ PhD studies with Prof. Dr. G. von Kiedrowski (Bioorganic Chemistry, RUB) and Dr. N. L. Doltsinis (Theoretical Physics, King's College London)
- ▶ finished Sep 2010, since then postdoc at RUB
- ▶ leaving for a postdoc with Prof. Ken Houk at UCLA this summer

Expertise

Analysis of chemical self-replicating systems:

- ▶ synthesis and experimental observation
- ▶ a bit of programming for data extraction and analysis
- ▶ kinetic modelling
- ▶ theoretical/computational chemistry (DFT, ab initio MD)

Interests

- ▶ Systems Chemistry in general
- ▶ complex chemical phenomena
- ▶ multiscale problems
- ▶ computational methods and their ability to aid design processes