



Projekttitel "**Complex self-assembly of polyphiles – Soft quasicrystals based on networks and honeycomb structures**"

In the first funding period we developed a mathematical model for the most important molecule types of this project, and we used it to make predictions and guide our plans for synthesis. During the second funding period we intend to study the model more closely, look at boundary cases and extend our ideas to more types of molecules. If the candidate is interested, then we can also look into simulations based on our models. The work will be done in close collaboration with the experimental side of the project.