WE WANT YOU!

The Graduate School's target groups are excellent and highly motivated applicants with BSc, MSc or equivalent degrees in natural sciences from all regions of the world.

TAKE INITIATIVE and submit your online application with the consent of your first supervisor according to the Graduate School's application procedure published online.

www.buildmona.de

INSTITUTIONS

Faculty of Chemistry and Mineralogy
www.chemie.uni-leipzig.de

Faculty of Physics and Earth Science
www.physgeo.uni-leipzig.de

Faculty of Life Sciences
www.lw.uni-leipzig.de

Faculty of Medicine
www.uniklinikum-leipzig.de

Leibniz Institute of Surface Engineering (IOM)
www.iom-leipzig.de

Helmholtz Centre for Environmental Research (UFZ)
www.ufz.de

Max Planck Institute for Mathematics in the Sciences (MPI MiS)
www.mis.mpg.de

RESEARCH ACADEMY LEIPZIG

RESEARCH ACADEMY LEIPZIG

BuildMoNa represents a graduate school at the Research Academy Leipzig (RAL). The RAL provides an excellent environment for scholarly and research-oriented qualification as well as multiple forms of support for young researchers and postdocs that supplements the ones offered by the graduate school. www.ral.uni-leipzig.de

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BuildMoNa

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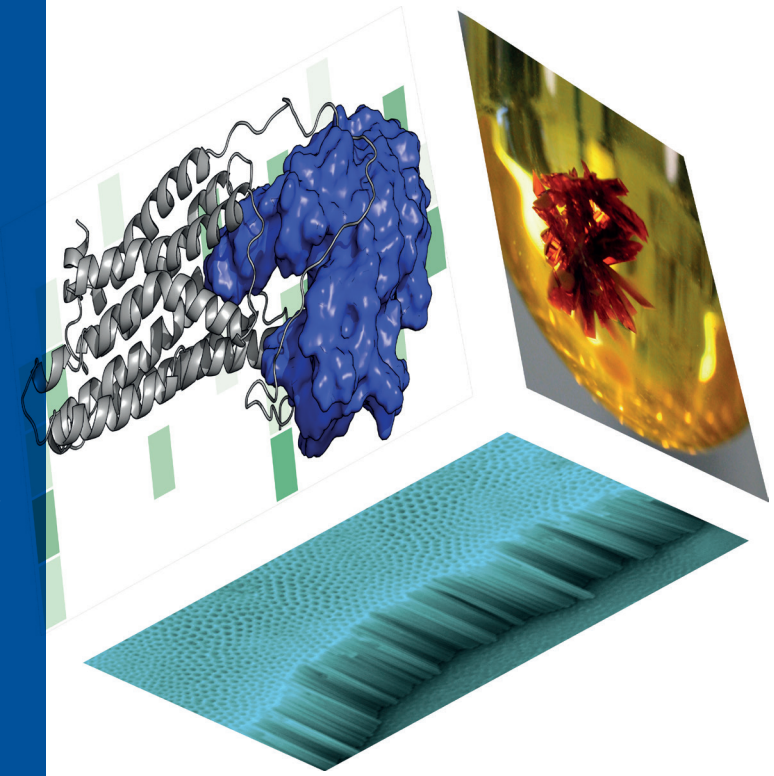
UNIVERSITÄT LEIPZIG
Research Academy Leipzig

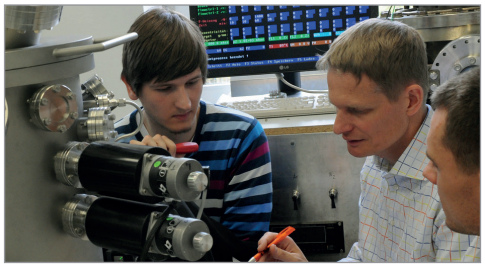
BuildMoNa

Graduate School
Building with Molecules and Nano-objects



THE STRUCTURED DOCTORAL PROGRAMME IN BUILDMONA

The Graduate School's main objective is "Building with Molecules and Nano-objects (BuildMoNa)". In our "bottom-up" materials research concept, "hard" (synthetic molecules and crystalline nanostructures) and/or "soft" (polymers, biomolecules) building blocks will be directly connected or organised to produce new, desired materials with innovative applications.
In contrast to the traditional model of individual doctoral studies and in order to meet the increasingly broad skill demands in science and industry, the interdisciplinary structured doctoral programme of BuildMoNa includes both research and a well-structured curriculum with excellent supervision.



RESEARCH WORK

The independent research work carried out under intense supervision of a Thesis Advisory Committee represents a major part of the graduate programme. Based on their overall training goals, doctoral researchers establish their Personal Development Plan together with their first supervisor.

BASIC, THEMATIC AND ADVANCED SCIENTIFIC MODULES

In addition to the research work, individual scientific training in key research areas contributes to a highly valuable and lasting education. The thematic training modules are accompanied by basic modules that bridge interdisciplinary gaps. Three advanced modules or symposia link directly with on-going research and technological applications.

TRANSFERABLE SKILLS

To achieve personal, professional skills and competences, courses are offered by the graduate school itself and the Research Academy. Topics covered comprise Research Management, Grant Writing, Scientific Writing and Presentation, and Awareness of Scientific Ethics and Intellectual Property Rights as well as language courses.

ANNUAL BUILDMONA CONFERENCE

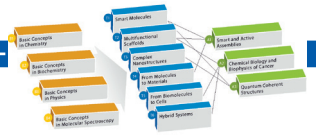
A scientific conference is organized every year usually in March. Its goal is knowledge transfer in specific major research areas of the Graduate School. The conference comprises lectures held by invited national and international world-renowned speakers, industrial partners and graduate school members as well as oral and poster presentations by doctoral researchers.

FURTHER MULTIDISCIPLINARY TRAINING ACTIVITIES

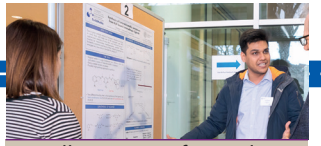
include workshops for doctoral researchers, scientific events, guest lectures/colloquia, research stays abroad, summer/winter schools, industrial training, tutoring/mentoring, active participation in conferences/workshops.

GRADUATE SCHOOL BUILDMONA

TEN GREAT REASONS TO JOIN!



A well-structured, interdisciplinary curriculum with excellent supervision.



Excellent scientific and professional network to exchange and share ideas, progress and opinions.

Annual BuildMoNa Conference to present the progress made in the individual research projects and to obtain direct feedback from an interdisciplinary audience.

English as working language for the internationality of the field of natural sciences.

Financial support for conferences/research stays as well as language courses.

Supervision agreement specifying the details of the supervision including regular discussions and conflict resolution options.

BuildMoNa Awards for doctoral candidates for the recognition of outstanding scientific achievements.

Training of scientific key competencies as well as soft skills and additional qualification.

Social networking and informal get-togethers to help connecting with other doctoral candidates within different faculties.

Generally, a 3,5 year doctoral programme due to the systematic structure.