

Research training group MIMENIMA (GRK 1860)

Micro-, meso-, macroporous nonmetallic Materials: Fundamentals and Application

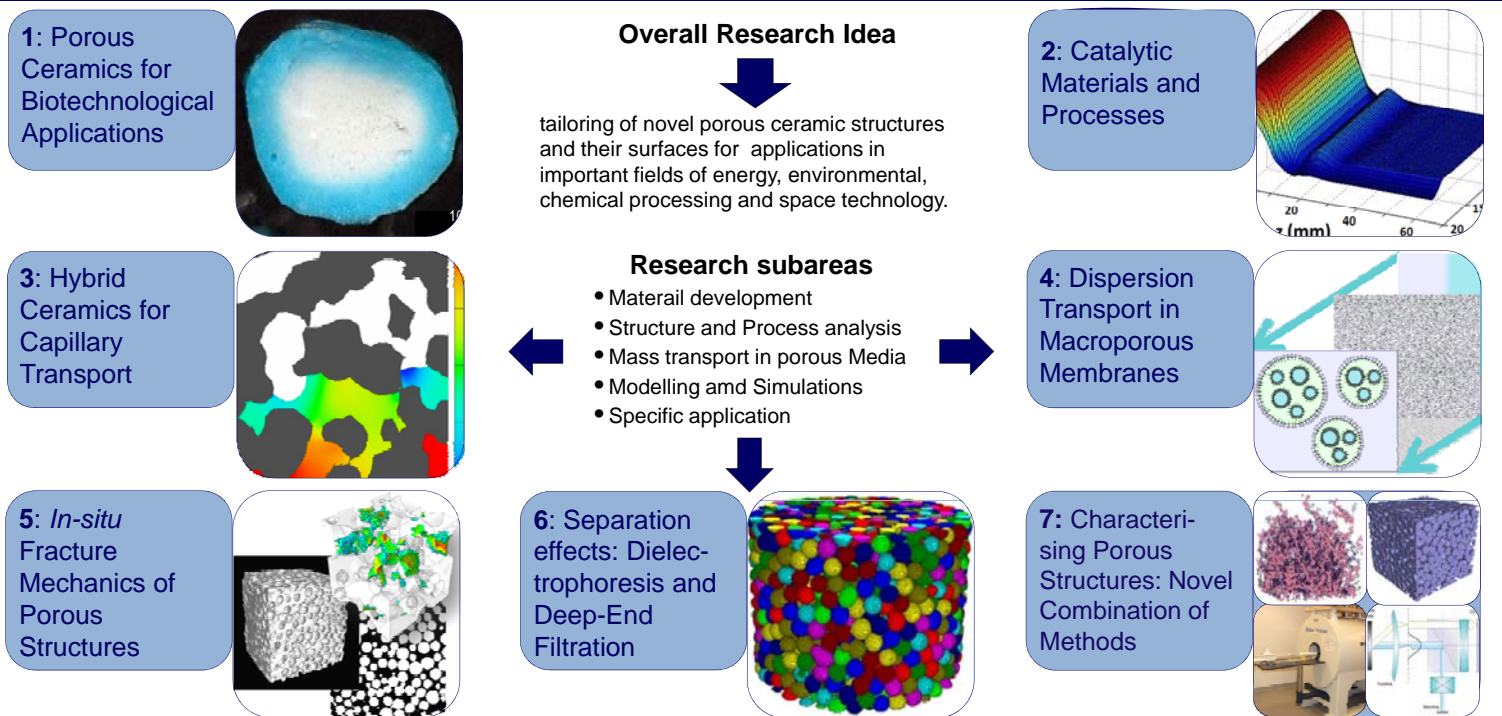
Why joining the research training group MIMENIMA as PhD student, Postdoc or research student?

- **Highly attractive topical areas** and environment for young scientists
- **Interdisciplinary projects** provide a broad fundamental knowledge
- Benefit from a new PhD qualification concept in engineering science
 - with adjusted **qualification programme**
 - **comprehensive supervision** and different areas of advancements
- Strong **international networking** of young scientists including lab visits abroad
- **Team of 15-25 PhD students and 2-4 Postdocs** with backgrounds in materials science, physics, chemistry, biotechnology, mechanical or chemical engineering and related areas



- **30% femal** and **30% international PhD students**
- Special **support for women** (e.g mentoring programme) for enhancing the carrier development
- **Full PhD position** (TV-L 13, 100%,) for 3 years
- **Doctorate** (Dr.-Ing./ Dr.rer.nat) **within 3- 4 years**
- **Positions for research students** (40h/month), who may take part in the study programm as well
- Start of research training group: **October 1st 2013**

Topical Areas of the Research Training Group



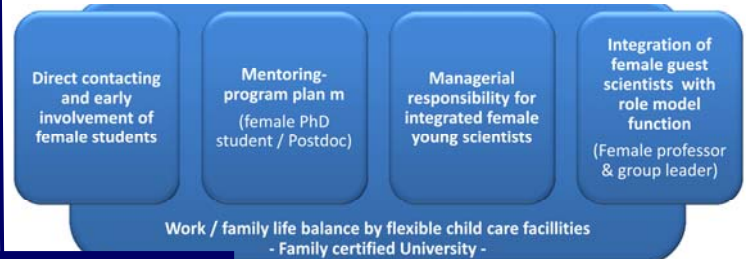
Qualification Programme

- **Bridging Lectures** given by MIMENIMA professors and senior scientists as well as guest scientists (3 SWS)
- The **meeting of doctoral researchers** for exchanging ideas and giving each other feedback (1.5 SWS)
- In **Lecture seminars** national and international speakers present current research issues (1 SWS)
- The **Progress Reports** include a written and an oral presentation of all candidates on the progress of their research work (1.5 SWS)
- **Research visits** to international cooperation partners (1- 3 months)
- **Laboratory courses:** Training of lab methods of each research workgroup in at least 4 courses (1.5 SWS/lab course)
- **Summer school:** Getting more in depth knowledge about central research topics (1.5 SWS)
- **Organising an international symposia:** Discussing own results intensively, planning scientific events, networking and training personnel management skills
- **Softskill-Workshops** to improve important skills to support a successful doctorate (e.g. Project and time management, Scientific writing, 1.5 SWS)
- **Workshops for women** in the framework of the mentoring programm *planm* like *self-management*
- **Workshop for Postdocs** like *Grant proposal writing*



Areas of Advancement

- **Internationalisation and networking** by active participation in *international conferences, research visits* at international cooperation partners, *lectures* given by visiting scientists and *execution* of an international symposia
- **Equal Opportunities – Women's advancement** at all levels of qualification



You need further Information?

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- **Supervision /quality management** at two levels :
 - 1) Main supervision (supervisor and co-supervisor)
 - 2) Multiple supervision (all project leaders)
 and by repeated discussion of the results:
 - *Concept discourse:* Evaluating initial project idea
 - *Scientific discourse:* Discussion with main and co-supervisor as well as other contributors
 - *Progress report:* Presentation with written recommendation letter of all project leaders