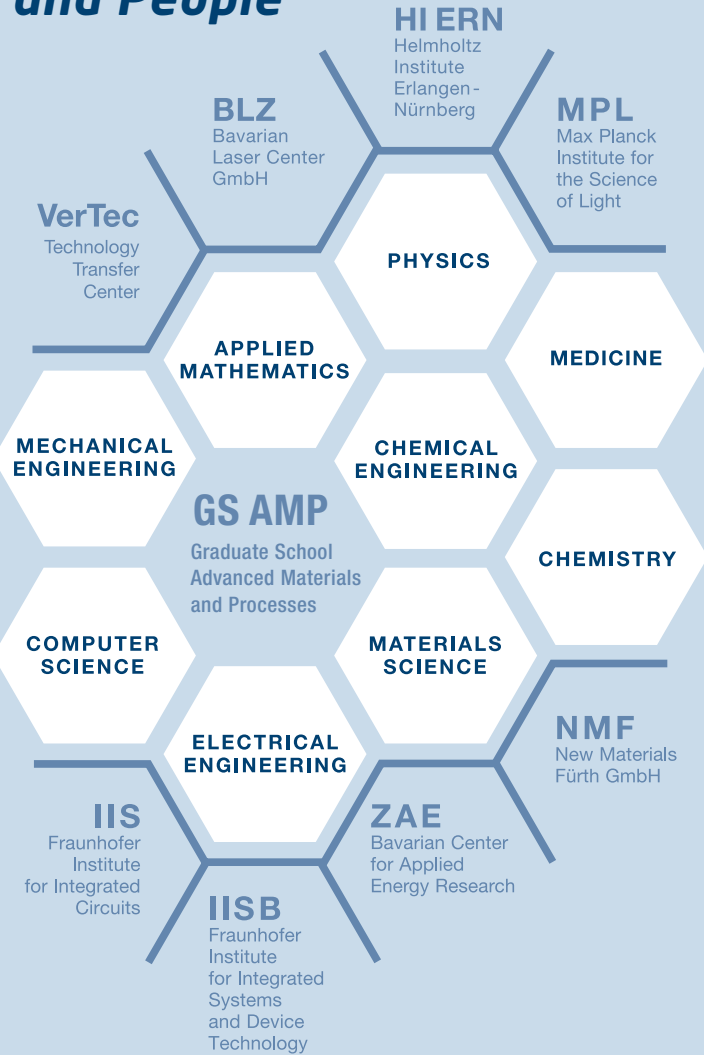


Particles and People



Interdisciplinary cooperation of 9 disciplines and 8 associated partners

Innovation occurs at the Interfaces

Innovation through Networks

Erlangen is a well-known spot for high-class research in the field of advanced materials. Within the only materials-based Cluster of Excellence Engineering of Advanced Materials, the basic idea of interdisciplinary and international research is practiced by the intensive dialogue between departments, faculties and industry.



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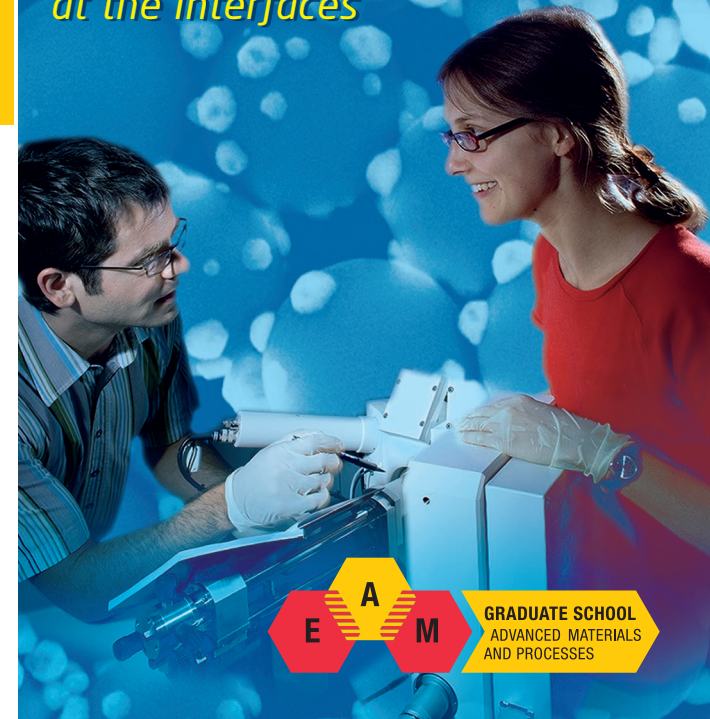
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GRADUATE SCHOOL Advanced Materials and Processes

Particles and People

Innovation occurs at the Interfaces



BENEFITS

- ▶ Advanced training in major and minor fields of study
- ▶ Individual mentoring by a thesis committee
- ▶ Summer and winter schools
- ▶ Young Researchers' Day (organized by GS AMP members)
- ▶ Financial support for conferences and research stays abroad
- ▶ Key qualification courses (scientific and social skills, leadership qualities)



The abilities taught in the Graduate School greatly supported me getting my current job in industry and are helpful for daily team work!

Dr. Marina Prechtel
GS AMP member Fall 2009 – Spring 2012

Graduate School Advanced Materials and Processes (GS AMP)

The interdisciplinary program for doctoral researchers in the Cluster of Excellence Engineering of Advanced Materials (EAM)

The goal of the EAM Graduate School

Successful research in a multidisciplinary and multinational team requires interdisciplinary and intercultural competences. Therefore our vision is to help integrating the doctoral researchers into an international community, to prepare them for careers in academia or industry, and to foster interdisciplinary networking in addition to providing support for doctoral projects.

We offer an outstanding scientific education with additional key qualifications.

The graduate school program is based on an intensive mentoring system and strong networking. It ensures that the doctoral projects are effectively organized and that the researchers are integrated into an interdisciplinary and international community. Besides the scientific education, the GS AMP provides special training for doctoral researchers through courses in leadership qualifications and soft skills development.

We are looking for highly motivated, analytically thinking and creative students.

The ideal applicant is a postgraduate with outstanding academic credentials (equivalent to a German Master's or Diploma) in Mathematics, Science or Engineering. She or he shows broad, interdisciplinary interest, has excellent communication and interactional skills to be capable of transferring and applying ideas from other fields in his or her own research.

APPLICATION

Applications are accepted throughout the year. Please send your application package (cover letter with a detailed statement of research interests (which must be coincident with the research areas at the EAM), CV, certificates and transcripts) electronically to eam-gsamp@fau.de

FINANCIAL

Successful applicants will be offered a position as research assistant by either the Cluster of Excellence Engineering of Advanced Materials (EAM) or one of the participating chairs. For detailed information regarding the application process.

