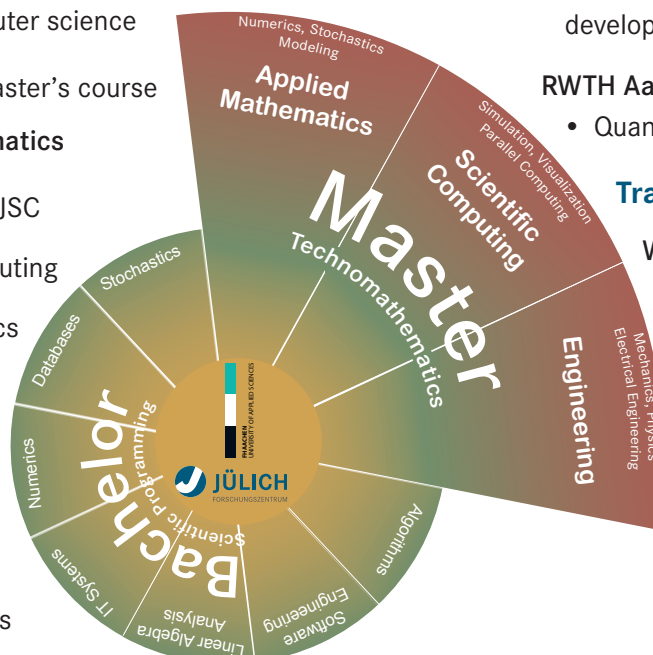


Higher Education and Training



Cooperation with the Aachen University of Applied Sciences

- Bachelor's course **Scientific Programming**
 - Combination of mathematical methods, algorithms and software development skills
 - The curriculum includes 50% mathematics and 50% computer science
 - Consecutive master's course **Technomathematics**
- Two professors at JSC
 - Scientific computing
 - Applied statistics
- Further partners
 - RWTH Aachen
 - Regional small and medium-sized companies



JSC Professors at Universities

Bergische Universität Wuppertal

- Computational theoretical physics
- Computer simulation for fire safety and pedestrian traffic

Universität Regensburg

- Application-oriented technology development

RWTH Aachen

- Quantum information processing

Training Activities

Winter Schools for PhD students and early postdocs in cooperation with CECAM – Centre Européen de Calcul Atomique et Moléculaire

Summer Student Programme partly funded by CECAM

Big Blue Gene Weeks for highly scalable applications

Seminars and Conferences