

Doctoral Studies in Symbolic Computation



Symbolic Computation at RISC

Symbolic Computation is the subarea of mathematics and computer science which solves problems on symbolic objects representable on a computer. The Research Institute for Symbolic Computation (RISC) in the castle of Hagenberg, Austria, is an international institute with its research focus on various branches of symbolic computation. Research interests of RISC include

- ▶ Algebraic Geometry
- ▶ Algorithmic Combinatorics
- ▶ Automated Reasoning
- ▶ Computer Algebra
- ▶ Parallel and Distributed Computing
- ▶ Scientific Computing

▶ Research Institute for Symbolic Computation

▶ Johannes Kepler University Linz, Austria

▶ www.risc.jku.at/education/phd/

Doctoral Studies at RISC

RISC has a program for doctoral studies. About 25 Ph.D. students are currently participating in this program. In the frame of its doctoral program, RISC offers

- ▶ a curriculum with lectures and seminars in English,
- ▶ fellowships for covering living expenses in Austria,
- ▶ access to latest research results in the field,
- ▶ an inspiring location in a medieval castle, and
- ▶ participation in an international scientific network.

RISC seeks applications of excellent and highly motivated students with a university degree in mathematics and/or computer science. Experience in symbolic computation is an advantage but no formal requirement.

Applications for Ph.D. studies are continuously considered. Ideally a RISC Ph.D. study begins in the fall or in the spring semester (Oct 1 or Mar 1). In any case, applications should be sent timely (several months in advance).

