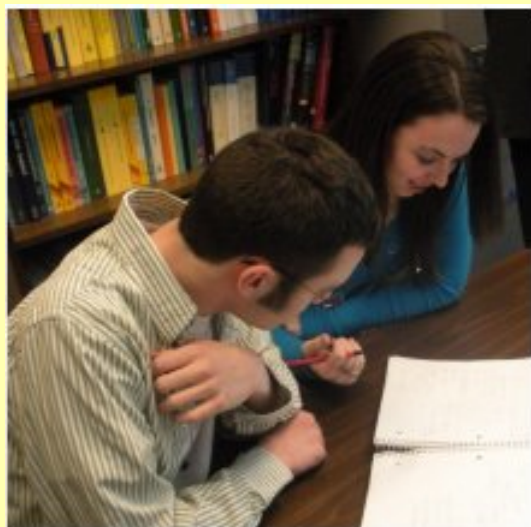


Penn State – Göttingen International SUMMER SCHOOL IN MATHEMATICS 2011



This program is designed to provide educational and research experiences for advanced undergraduate and beginning graduate mathematics students enrolled in universities in the United States and Germany. Students will meet for 3 weeks to receive instruction and engage in research activities in Dynamical Systems. These activities will be organized and supervised by research mathematicians from Penn State University and the University of Göttingen, Germany, and will include projects with computer lab and theoretical components. All projects will be performed in teams with students from both countries to provide a first-hand international experience.

Eligibility

Open to students with an exceptional talent and interest in mathematics. Undergraduate applicants are required to have senior year standing. Graduate students in their first or second year are also eligible.

Application Deadline: January 28, 2011

Program Dates: July 24 -- August 13, 2011

Location: University of Göttingen (Germany)

Application forms and additional information:

<http://www.math.psu.edu/denker/summerschool2011.html>

Admission

Participation is limited to 17 students from the US and 17 students from Germany. Admission decisions will be based on recommendation letters

Women and minorities are strongly encouraged to apply.

Stipends

Each participant will receive a stipend of \$3,700/1,750 to cover travel expenses room and board, and course materials (final approval is pending).

Program Highlights

- Lectures on selected topics in Dynamical Systems
- Supervised exercises classes and computer lab work
- Undergraduate research projects
- Academic exchange with German students
- Information forum about graduate school applications
- Discussions on graduate level research work
- International research conference during the last week of the program

Funded by the
National Science Foundation

