

**Second
National Science Foundation
Workshop for High School Teachers
of Mathematics and Science**

**Ideas and Technology of
Control Systems**

in conjunction with
2003 American Control Conference

**June 4, 2003
Adams Mark Hotel
Denver, Colorado**

Sponsored by:

**Control Systems Society
American Control Council
National Science Foundation
Department of Mathematics
University of Kansas**

The purpose of this workshop is to enhance the cooperation among various control groups and high school teachers of mathematics and science throughout the United States and the world, to give attention to control and systems ideas and technology, and to increase the general awareness of the importance of control and system technology and its cross-disciplinary nature among high school teachers and students.

Control and systems science occurs in many different disciplines and its applications occur in a wide variety of technologies. It involves a variety of tasks, such as modeling, identification, simulation, planning, decision making, and optimization.

Some application areas of control and systems include transportation, manufacturing, communications, processing industries, and financial markets. The basic control systems science influences and impacts a diverse range of study, such as, biology, physics, chemistry, economics, and medicine.

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