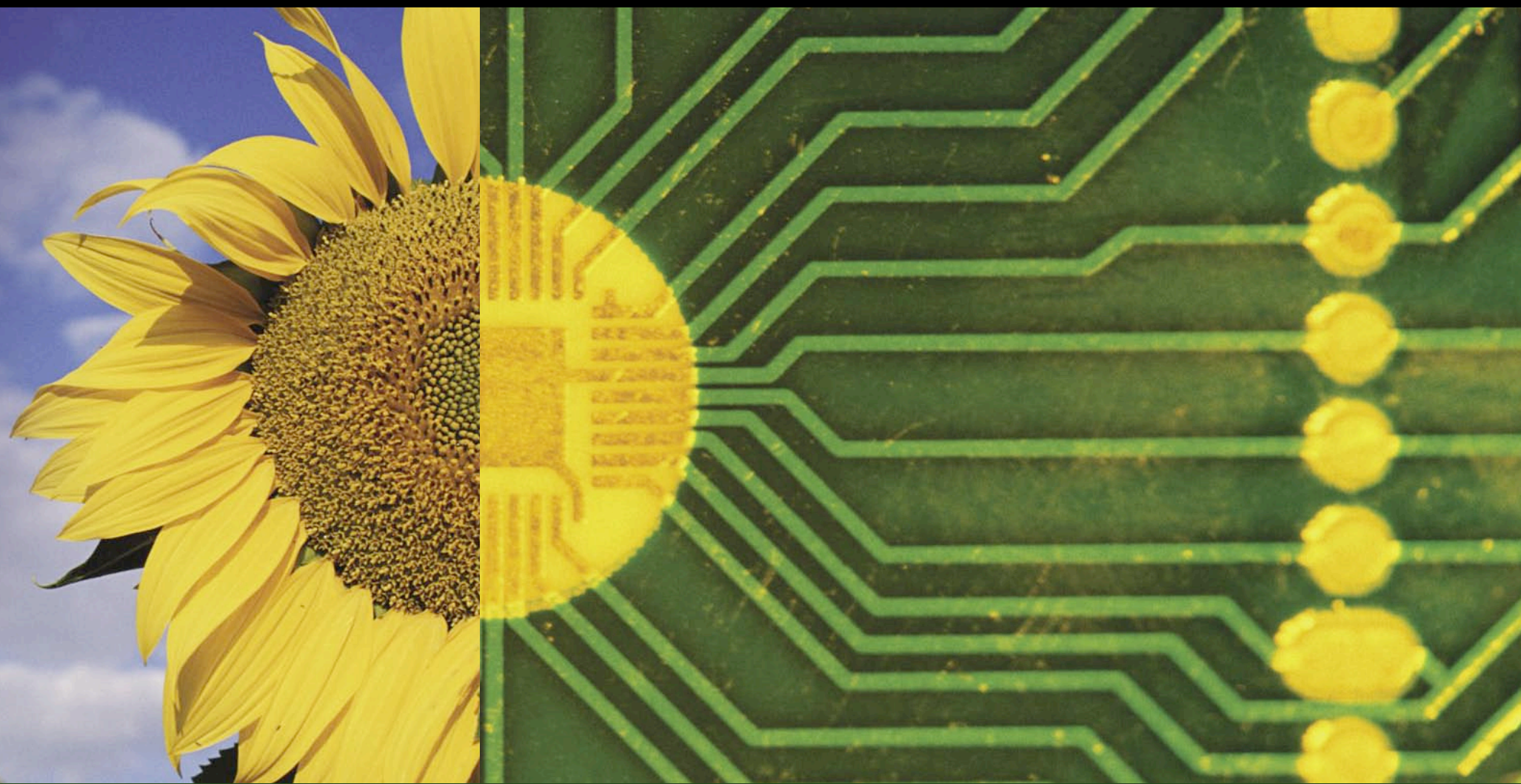# THE IEEE COMPUTER SOCIETY 7TH ANNUAL INTERNATIONAL DESIGN COMPETITION

THEME:
"PRESERVING, PROTECTING, AND ENHANCING THE ENVIRONMENT"

WORK IN A TEAM TO DESIGN A COMPUTER-BASED APPLICATION THAT MAKES THE WORLD A BETTER PLACE

CSIDC 2006 DESIGN COMPETITION

COMPETE WITH STUDENTS FROM ALL OVER THE WORLD!
VISIT WASHINGTON, DC AND COMPETE IN THE EXCITING WORLD FINALS

OVERVIEW

Teams of four undergraduates can participate in this competition. Each team must have a faculty mentor.

Teams are invited to design and construct a computer-based system to solve a problem of the team's own choosing. The only restriction is that the project must have an environmental theme and the team's system should be of benefit to society.

Your application may be designed to improve the efficiency of an energy management system. You may design a vehicle's control system to make its acceleration and braking more efficient. You may design a system to track the migration of animals, or even monitor pollution. There are no restrictions on your inventiveness.

The spirit of the competition is ingenuity and originality in using PCs, hand-held computers, or microcontrollers to create a computer-based system that performs a socially useful function. You must be able to create and demonstrate a working prototype of your project.

Projects that bear a strong resemblance to previous CSIDC projects or to commercially available systems will be ruled inadmissible.

Teams submitting the best ten reports will compete at the CSIDC World Finals where a Judging Panel will select the winning teams on the basis of a demonstration of their operational prototype and their team's formal presentation. Teams are expected to make effective use of multimedia in their presentations.

JUDGING

Academic and industry experts will judge the competition according to the criteria published in the CSIDC guidelines.

QUESTIONS AND ADDITIONAL INFORMATION

For general information regarding the competition, visit the Computer Society's CSIDC FAQ at **http://computer.org/csidc** or contact:

CSIDC Chair Professor Alan Clements, a.clements@computer.org
Guidelines and Rules Professor Mike Lutz, m.lutz@computer.org
Staff Liaison Stacy Saul, ssaul@computer.org

SPECIAL PRIZES TO BE AWARDED

The Microsoft Multimedia Award will be presented to the team whose presentation at the World Finals makes the most innovative, exciting, and appropriate use of multimedia.

The Microsoft Award for Software Engineering will be presented to the team whose project exemplifies the best use of good software engineering principles to the design and testing of their prototype.

BE A PART OF THE WORLD'S MOST EXCITING COMPETITION FOR COMPUTER SCIENCE AND COMPUTER ENGINEERING STUDENTS!

IMPORTANT DATES

Application Deadline	1 December 2005
Project Title Due	7 January 2006
Interim Report Due	14 February 2006
Final Report Due	16 April 2006
Top Ten Teams Selected	14 May 2006
World Finals in Washington, DC	30 June - 2 July 2006

TEAM PRIZES

First Place	$20,000
Second Place	$12,000
Third Place	$8,000
Honorable Mention	$4,000

ADDITIONAL PRIZES

Microsoft Award for Software Engineering	$2,000
Microsoft Multimedia Award	$2,000

ABOUT THE IEEE COMPUTER SOCIETY

The IEEE Computer Society is the leading provider of technical information to the computing industry. Established in 1946, the society has provided opportunities for professionals to exchange ideas, to solve problems, and to learn what the future of the industry may hold.

For more information about the Computer Society, visit http://computer.org

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