2001 FutureTruck

WITNESS THE FUTURE OF ADVANCED TRUCK TECHNOLOGY

LIVE ON THE WEB
VIA WWW.FUTURETRUCK.GM.COM

Students from 15 top engineering schools compete in developing innovative ways to improve fuel economy and reduce greenhouse gas emissions of full-size sport utility vehicles!

Oral Presentations Live!
From General Motors' Proving Ground
Milford, Michigan

June 7, 2001
Eastern Daylight Time (EDT)

8:00 AM	What Is FutureTruck?
8:30 AM	Concordia University
9:00 AM	Cornell University
9:30 AM	George Washington University
10:00 AM	Georgia Institute of Technology
10:30 AM	Michigan Technological University
11:00 AM	Ohio State University
11:30 AM	Pennsylvania State University
12:00 to 1:00 PM	(Break) What Is FutureTruck?
1:00 PM	Texas Tech University
1:30 PM	University of California, Davis
2:00 PM	University of Idaho
2:30 PM	University of Maryland
3:00 PM	University of Tennessee
3:30 PM	University of Wisconsin
4:00 PM	Virginia Tech
4:30 PM	West Virginia University

Awards Ceremony Live!
from the Smithsonian National Museum of Natural History
Washington D.C.

June 13, 2001
8:00 PM – 10:00 PM (EDT)
Guest Speaker, Bill Nye

FutureTruck
www.futuretruck.org

U.S. Department of Energy

GM General Motors Corporation

Managed by Argonne National Laboratory

Major Sponsors
National Science Foundation
Cisco Systems
ArvinMeritor
Delphi Automotive Systems
BPAmoco
Aluminum Association

Competition Supporters
The MathWorks
Newark Electronics
National Instruments
Natural Resources Canada
Illinois Department of Commerce and Community Affairs
Renewable Fuels Association
Governors' Ethanol Coalition
The Goodyear Tire & Rubber Company

FutureTruck 2001

PATHWAY TO GREENER VEHICLES

FutureTruck
www.futuretruck.org

"Recent vehicle fuel price increases remind us that we must continue our efforts to reduce our nation's demand for oil, and electricity shortages remind us that we cannot take adequate supplies of energy for granted. Programs such as FutureTruck hold the promise of benefiting all Americans by developing new technologies that can power our vehicles, and even our homes, more efficiently in the near future."

Thomas J. Gross
Deputy Assistant Secretary
for Transportation Technologies
Energy Efficiency and
Renewable Energy
U.S. Department of Energy

For information on FutureTruck, go to www.futuretruck.org

For information about sponsoring FutureTruck, contact:
Shelley Launey
Clean Cities Director
U.S. Department of Energy
(202) 586-1573
shelley.launey@ee.doe.gov

Please address media inquiries to:
Jack Groh
FutureTruck Communications Director
(401) 732-1551
futuretruck@att.net

What Is FutureTruck?

FutureTruck is a unique program that brings together the resources of industry, government, and academia to cooperatively solve important environmental and technical problems posed by the growing demand for light-duty trucks, such as pickups, sport utility vehicles (SUVs), and vans. This engineering competition challenges teams of students from 15 top North American universities to reengineer a conventional, full-size Chevrolet Suburban into a low-emission, high-efficiency vehicle – without sacrificing the performance, utility, safety, and affordability customers want. To meet these challenges, students explore cutting-edge automotive technologies, such as fuel cells and advanced propulsion systems, space age materials, and alternative fuels such as ethanol and hydrogen. All teams are using variations on the hybrid-electric design strategy.

After more than a year of preparation, the teams will travel to the General Motors Proving Ground in Milford, MI, where their vehicles will undergo more than a week of comprehensive dynamic and static testing. Awards in more than 25 categories will be announced at the Smithsonian National Museum of Natural History in Washington, D.C. The competition is June 4–13, 2001.

Who Is Involved?

Headline sponsors of FutureTruck are the U.S. Department of Energy (DOE) and General Motors Corporation (GM), which are both committed to finding solutions that help increase fuel efficiency and reduce greenhouse gas emissions. DOE provides organizational, technical, and financial assistance to the competition, while GM provides a vehicle to each of the teams – as well as facilities, technical mentors, and $40,000 in prize money. Major sponsors include the National Science Foundation, Cisco Systems, ArvinMeritor, Delphi Automotive Systems, BPAmoco, and the Aluminum Association. Over fifteen private and public organizations are partnering to support and organize this program.

Student teams include more than 250 participants from mechanical and electrical engineering, computer science, and other disciplines.

Why Is FutureTruck Important?

Today, more than 50% of all new vehicle sales are light-duty trucks, which historically have been less energy efficient than cars. FutureTruck is helping redefine how industry, government, and academia can work together to develop more energy efficient and "greener" automotive technologies for trucks that help reduce our nation's dependence on imported oil, improve our environment, and keep American technology competitive on a global basis. The competition also helps create a new generation of engineers with a heightened awareness of the environmental benefits of developing energy-efficient automotive technologies.