

## FIVE MAJOR EVENTS

### THE TOUR TO THE SHORE

A RALLY TO THE SCENIC JERSEY SHORE WITH POINTS FOR ACCURATE DRIVING AND GREATEST FUEL ECONOMY

#### **In Three Divisions**

1. Gasoline Cars, Trucks and SUVs.
2. Diesel and Biodiesel Vehicles
3. Gasoline-Electric Hybrids.

The results will show what is possible with the vehicles of today (and a light foot) and how the currently available technologies stack up against each other. The record to beat is a phenomenal 75 miles per gallon set by Meredith Murphy in a Honda Insight last year.

### THE RUN TO THE RIVER

A SIMULATED COMMUTE FOR PLUG-IN HYBRID VEHICLES TO AND FROM THE DELAWARE

#### **New this year:**

Thirty miles to "work" in the morning and back in the afternoon with recharging during the day. Minimum fuel consumption wins.

# The 21st Century AUTOMOTIVE CHALLENGE

June 7 - 8, 2008

*The future of Personal Transportation*

*in Action Today!* 

sanctioned by the **Electric Auto Association**  
and by the **Eastern Electric Vehicle Club**

#### **Contact Oliver H. Perry**

**President, EEVC**  
5 Old Stagecoach Turn  
Shamong, NJ 08088  
Phone (609) 268-0944  
Cell (609) 922-7275  
e-mail [perrydap@aol.com](mailto:perrydap@aol.com)



## THE ELECTRIC VEHICLE COMPETITION

A COLLECTION OF EVENTS FOR VEHICLES OF THE FUTURE INCLUDING EFFICIENCY AND DRIVEABILITY RUNS AND AN AUTOCROSS

#### **1. Electric Vehicle Competition**

There will be a competition for street legal battery powered electric vehicles. The objective will be to measure driveability features such as braking and acceleration as well as efficiency over a limited road course and the overall workmanship and appearance of the vehicles.

#### **2. The autocross**

Very popular last year and open to all comers over a course in the BCIT parking lot.

## THE AWARDS DINNER

Saturday evening we gather at the new fire training school next to BCIT for a convivial dinner, a keynote speaker and presentation of awards. Student groups make presentations of their projects for judging.

## THE EARTH FAIR DISPLAY

On Sunday, June 8, there will be a display of the winners and of future technology vehicles at the annual Burlington County Earth Fair at historic Smithville Park.

# COMPETITION DETAILS

## 1. The Tour to the Shore.

This will be a rally on Saturday starting from the competition headquarters at the Burlington Country Institute of Technology at Westampton, NJ. We plan a similar course to last year's 150 mile tour but with modifications suggested by Jim Wakeman, the rally meister for the South Jersey Sports Car Club of America to keep it interesting. It will be a scenic run with a lunch stop at a first rate place and back to Westampton for dinner and the awards ceremony.

## 2. The Run to the River

The course for plug-in hybrids will run west from BCIT to Burlington, down the river to Riverton, east through Moorestown, and back to Westampton. Embracing three picturesque and historic New Jersey villages in a simulated 30 mile commuting trip. The vehicles can be charged at 120 V 15 A during the day and then run the course in reverse in the late afternoon, completing the day's trip to and from "work". The vehicle with the lowest consumption of gasoline (or diesel fuel) wins.

## 3. The Battery Electric Vehicle Competition

A competition similar to the Tour de Sol of previous years for the Zero Emission Vehicles of the future.

### Planned events include:

- **Electric Vehicle Range and Efficiency** The objective is to showcase BEV's performing useful work as an everyday transportation option. Passenger and cargo weight formulas will be included in the competitive scoring for range and efficiency over a limited highway route around Westampton.

- **Acceleration and Braking Trials** The objective is to measure drivability of BEVs.

- **An Autocross Event** highlighting the performance of BEV's but open to all comers

- **Technology Exhibition** Entrants will be encouraged to display their vehicles and answer questions about their technical details and performance so that attendees can become better acquainted with the automotive technology of the future. There will be a competition for student groups giving presentations on their projects.

**4. The Earth Fair Exhibition-** On Sunday the annual Burlington County Earth Fair will feature a display of battery and hybrid vehicles from the competition as well as the award winners. The festival is located at Historic Smithville Park, five miles from the Competition headquarters at BCIT. The fair includes many other earth- friendly exhibits and activities for the whole family.

## ENTRY FORM

Name of Entrant \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

e-mail \_\_\_\_\_

Vehicle type:

Gasoline \_\_\_\_\_

Diesel \_\_\_\_\_

Hybrid \_\_\_\_\_

Plug-in hybrid \_\_\_\_\_

Battery Electric \_\_\_\_\_

Other \_\_\_\_\_

Events to be entered:

Tour to the Shore (Gas, Diesel, Hybrid) \_\_\_\_\_

Run to the River (Plug-in hybrid) \_\_\_\_\_

Electric Vehicle Competition \_\_\_\_\_

Earth Day Exhibition \_\_\_\_\_

Entry fee: Any or all events \_\_\_\_\_

\$35

Awards Dinner June 7 '08 \_\_\_\_\_

\_\_\_ attendees @ \$20.0 each \_\_\_\_\_

Total \_\_\_\_\_

Send competed registration with check payable to "EEVC Competition" to:

**Oliver H. Perry, President EEVC**  
**5 Old Stagecoach Turn**  
**Shamong, NJ 08088**

**Inquiries for commercial exhibit space and sponsorship opportunities should be sent to the same address.**