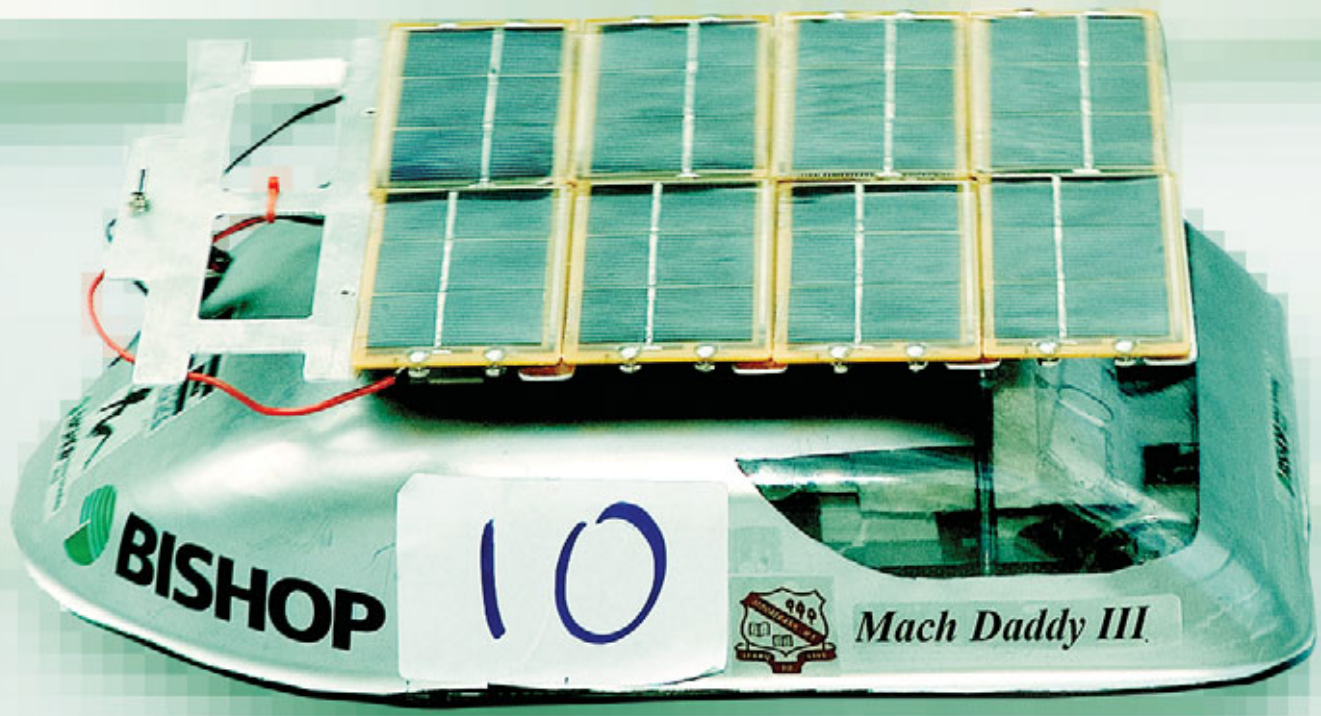
SUNSPRINT '09



SUNSPRINT MODEL SOLAR CHALLENGE

FRI 4TH & SAT 5TH SEPTEMBER 2009

Make your own solar car and race against other teams. Great cash prizes of up to $500. Winning teams fly free to the AIMSC National Finals in Melbourne.

HONE YOUR SKILLS IN

- Science
- Engineering
- Teamwork
- Technology
- Creativity

For more info, visit **www.sunsprint.unsw.edu.au**

ABOUT SUNSPRINT

The SunSprint Challenge is an exciting competition where high school students in NSW and the ACT team up to design, build and race a model car powered only by the energy of the sun. Just like professional race teams, each student group works through the year to a special set of design rules and technical standards*. Then all the teams come together on campus at the University of New South Wales over two days in September to race their creations against other schools. It's a unique and fascinating way to promote teamwork and a really fun way to combine science, engineering, technology, mathematics and physics with creativity, imagination and manual skills.

It's all about learning while you have fun. And it's also about road safety: to successfully complete a race every car must carry a "driver" in the form of a fragile raw egg. The challenge is to design and drive your car to keep the egg intact: speed kills! Students of all ages will love this event and Design and Technology students may use their entry as their final-year project.

HOW IT WORKS

Eligible high schools each can enter up to two teams, with no more than four students in each team. If your team cannot travel to our campus for the event, you can even post your model car to us and a SunSprint official will race it for you.

The competition has two classes: Open and Novice. The Open Class is for seasoned competitors whose school has participated in the competition over several years. These schools often enter vehicles made with exotic space-age materials that result in very high performance vehicles. These are often expensive and very difficult to build.

The Novice Class was added to SunSprint to allow schools new to the competition to compete against other new schools. There are restrictions on construction materials, which allows lower cost and easily modified vehicles. In order to qualify for the Novice Class your school must have participated in no more than one other SunSprint competition.

*** Cars must be built according to specifications provided by the Australian-International Model Solar Challenge (AIMSC) released 7th January 2009 - See UNSW SunSprint website.**

2009 PRIZES

OPEN CLASS

- 1st place: $500 + certificate, airfares to national finals in Melbourne for up to 4 team members and a teacher
- 2nd place: $300 + certificate, airfares to the national finals for 3 team members
- 3rd place: $200 + certificate, airfares to the national finals for 2 team members
- Wildcard: $100 + certificate

NOVICE CLASS

- 1st place: $300 + certificate
- 2nd place: $200 + certificate
- 3rd place: $100 + certificate

SPECIAL PRIZES ($50 + CERTIFICATE)

Quality award • Design excellence • Best concept • Most innovative design • Best team spirit award • Extraordinary country team • Extraordinary metropolitan team • Best crash • Best poster • Best decorated egg

SPONSORS

Jaycar Electronics • School of Photovoltaic and Renewable Energy Engineering • Faculty of Engineering • Faculty of Science

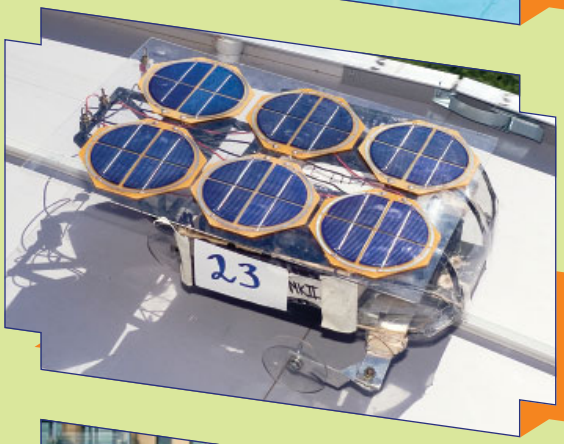
OTHER INFO

The National AIMSC Finals will be held at Scienceworks in Williamstown, Melbourne on 28th and 29th November 2009. Two other competitions will be run in conjunction with the SunSprint Challenge on the morning of Saturday 5th September - these are the MiniSprint and the Solar Boat Challenge and are recommended for Years K to 8 students. More details for these will be posted on the SunSprint website soon.

CONTACT DETAILS

Prem L Kumar
SunSprint Challenge Co-ordinator

Tel 9385 7311 • Fax 9385 4051 • E prem.kumar@unsw.edu.au



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