



## 2010 State Science & Technology Fair of Iowa

### Parent/Teacher Workshops

#### **Senior High Judges Review**

This session is mandatory for Senior High Students and they will be given priority seating, but adults are welcome to join the session in the back as room allows. Please NO QUESTIONS from the adults while the students are in session! Adults will have a chance to ask questions immediately following the dismissal of the students.

**Date:** *Friday, March 26th* **Location:** *Benton Auditorium — 1<sup>st</sup> Floor, Scheman*

**Time:** *1:00 - 1:30pm* **Presenter:** *Travis Frey, Senior High Judging Chair*

#### **Open Forum**

This year the State Science and Technology Fair of Iowa Advisory Board will again be hosting an Open Forum for discussion of SSTFI related items. The forum is open to *teachers, adult sponsors, parents, and volunteers*. As always your comments and ideas are welcome. **Coffee will be served.**

**Location:** *Gold Room — Hilton Coliseum (west side)*

**Time:** *10:00 – 10:30am*

#### **SRC & Paper Submission Workshop**

Questions regarding submitting SRC paperwork this year? Problems comprehending certain forms or appropriate usage of forms? This workshop is for you! In addition we will discuss common questions we receive and common problems we find from year to year.

**Date:** *Saturday, March 27th* **Location:** *Gold Room — Hilton Coliseum (west side)*

**Time:** *10:30 – 11:00am* **Presenter:** *Chris Minion, SRC Chair; Andrea Spencer; & Heather Gutknecht*



## 2010 State Science & Technology Fair of Iowa

### Student Workshops

Saturday, March 27, 2010

*(Sessions will be offered at 2:15 and 3:15 pm)*

Sign up for workshops Friday at the Registration Desk on the south side of Hilton Coliseum

#### **"Egg Bungee Jump"**

*Program for Women in Science & Engineering*

In this activity, the students will use estimating, data analysis and measuring skills to make a bungee cord out of everyday materials. They will then use the bungee cord to drop an egg, getting it as close to the ground as possible without contact. Come be a part of this exciting experiment!

#### **"Atomic Structure Shocker"**

*Material Advantage Club*

Students will see live demonstrations on several materials. They will learn how the properties of the material change when the atomic structure is changed after being set on fire or cooled in liquid nitrogen through this interactive workshop. The materials will be broken, shattered, or made stronger! Real-world events and examples will be used to describe how this process affects people in everyday life.

#### **"Race to Engineering Excellence"**

*Society of Automotive Engineers*

Students interested in auto mechanics or engineering won't want to miss this session! SAE members will lead a hands-on session showing students how they develop the body and design of an automobile. In addition, they will also speak with participants about the different processes and skills needed to build a car from the inside out. Come see how these students design, build and test these racing machines!