

# Introduce a Girl to Engineering Day (IGED)

February 19, 2009

## Schedule of Events

**Morning of Feb. 19** The student's parent or guardian drives her to ANL.

**8:00 a.m.** Parent/Guardian checks-in student at ANL Visitor Reception Center. Mentors meet and drive students to the APS Gallery for opening sessions. Mentor/student photos.

**8:30 a.m. to 8:45 a.m.** IGED2009 Group Photo

**8:50 a.m. to 9:05 a.m.** Laboratory Welcome with Overview of the Activities/Schedule

**9:05 a.m. to 10:00 a.m.** All students and mentors meet at the APS for the opening presentation to be given by an Argonne engineer and scientist.

**10:00 a.m. to 10:45 a.m.** First morning tour, see tour schedule for assignments.

**11:00 a.m. to 11:45 a.m.** Second morning tour, see tour schedule for assignments.

**12 p.m. to 12:50 p.m.** Mentors and students eat lunch together in APS Gallery and talk about the day and mentors career experiences at breakout tables

**1:00 p.m. to 3 p.m.** "Car Wars" is a hands-on presentation by Argonne mechanical engineers demonstrating the engineering design experience. Students construct a variety of model cars powered by motors and gears to learn about motion, power transmission and the trade-offs that must be made during the engineering design process. This challenge is centered around current math, science and technology standards and concludes with student demonstrations of each car in action.

**3:10 p.m.** Closing ceremony. Students receive certificates for participation and evaluation forms. A Slideshow presentation of pictures from the days event is run while special thank you's are given to mentors, volunteers, students, sponsors, presenters, tour guides, and the 2009 planning committee members.

**3:30 p.m.** Mentors drive their students back to the ANL Visitor Reception Center. Parent/Guardian checks-out student at ANL Visitor Reception Center.



**ENGINEERS  
WEEK® 2009**  
FEBRUARY 15-21

