

Introduce a Girl to Engineering Day (IGED2010)

February 18, 2010 — Schedule of Events

Morning of February 18th The student's parent or guardian drives her to Argonne National Laboratory 9700 S. Cass Av., Argonne, IL 60439.

8:00 a.m.

Parent/Guardian checks-in student at ANL Visitor Reception Center. Students will be bused to the APS to meet Mentors.

8:15 — 8:30 a.m.

Mentors greet students and mentor/student photos taken. Mentors and students proceed to the APS Gallery for opening sessions. Breakfast is provided.

8:30 — 8:45 a.m.

IGED2010 Group Photo

8:50 — 9:05 a.m.

Laboratory Welcome with Overview of the Activities/Schedule.

9:05 — 10:00 a.m.

All students and mentors meet at the APS Gallery for the opening presentation to be given by an Argonne engineer and scientist.

10:00 — 10:45 a.m.

First morning tour, see tour schedule for assignments.

11:00 — 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. Students are encouraged to try the "energy bike" also located in the Gallery.

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 day's event is run while special thanks are given to mentors, volunteers, students, sponsors, presenters, tour guides, and the 2010 planning committee members.

3:30 p.m.

Mentors accompany their students back to the ANL Visitor Reception Center. Parent/Guardian checks-out student at ANL Visitor Reception Center.



beautiful

minds

engineer

IGED 2010