

Introduce a Girl to Engineering Day (IGED 2013)

February 21, 2013 — Schedule of Events

Morning of Thursday February 21st

The student's parent or guardian drives her to Building 240 of
Argonne National Laboratory: 9700 S. Cass Ave., Argonne, IL 60439.

8:00 a.m. Check-in

Parent/Guardian checks-in student at the Argonne **Theory and Computing Sciences (TCS) Conference Center** in Building 240.

8:00 – 8:30 a.m. Mentor Pairing

Mentors greet students and mentor/student photos taken. Mentors and students proceed to TCS Conference Room 1416 for opening sessions.

8:30 – 8:45 a.m. IGED 2013 Group Photo

Mentors and students gather in the hallway for an IGED 2013 group photo.

8:50 – 9:05 a.m. Welcome

Laboratory welcome with overview of the activities/schedule. Remarks given by the Honorable Dot Harris, Director of the Office of Economic Impact and Diversity at the U.S. Department of Energy.

9:05 – 10:35 a.m. Morning Presentation

"Science & Engineering ... What's it all about?!" – Students will learn why engineering and science are fun and interesting... and not just for boys!

10:45 – 11:45 a.m. Tour 1

First morning tour, see tour schedule for assignments.

11:45 a.m. – 12:45 p.m. Tour 2

Second morning tour, see tour schedule for assignments.

12:45 – 1:45 p.m. Lunch

Mentors and students eat lunch together in TCS Conference Room and talk about the day and mentor's career experiences.

2:00 – 3:45 p.m. Afternoon Activity

"Automotive Tycoon" – Hands-on presentation by Argonne mechanical engineers demonstrating the engineering design experience. Students design, build, and install pulley transmissions for toy cars. The focus is on speed vs. torque and this challenge is centered on current math, science, and technology standards. After assembly the Jr. Engineers race the battery operated cars on ramps and terrain tracks.

3:45 p.m. Closing Ceremony

Parents are welcome to attend and watch as students race their toy cars. A slideshow presentation of pictures from the day's event is run while students fill out evaluation forms and special thanks are given to all those involved in making IGED 2013 a reality.

4:00 p.m. Check-out

Parent/Guardian checks-out student and picks up certificate for participation at **Argonne Theory and Computing Sciences (TCS) Conference Center**.



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ENGINEER

IGED 2013