



**CARNEGIE
SCIENCE
CENTER**

One of the four Carnegie Museums of Pittsburgh

MEDIA ALERT

For Immediate Release

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MEDIA RELEASE

CARNEGIE SCIENCE CENTER TO HOST ENGINEER THE FUTURE
HANDS-ON PROGRAMS AND ACTIVITIES CELEBRATE THE SCIENCE OF ENGINEERING

PITTSBURGH — Pittsburgh has long been at the core of engineering innovation with iconic bridges, environmentally friendly construction, and modern building design. On Feb. 18 and 19, Carnegie Science Center presents Engineer the Future, a celebration of the science of engineering and the region's achievements and advances in architecture, building, and construction.

Activity highlights and demonstrations on both Friday and Saturday include:

- creating your own Super Ball with American Institute of Chemical Engineers
- exploring how a lock and dam works with US Army Corps of Engineers
- building and creating robots with Lego Mindstorm with University of Pittsburgh School of Engineering
- engineering model bridges with Legos with Hatch Associates Consultants
- practicing the ancient art of origami with American Society for Quality
- constructing a handmade gripper robot, like those used by NASA, with Robert Morris University
- Society of Petroleum Engineers will demonstrate environmentally responsible ways to mine the Earth's underground energy resources

More than 500 engineers from local and national agencies, societies, and universities will participate in the two-day event, including those listed above and the Association for Facilities Engineering.

"Engineering is all around us," said Carol Schoemer, program coordinator of Engineer the Future.

"We see it in everything from the roads we travel everyday, to the products we buy, to the foods that we eat."

Programs will run from 10 am–5 pm, on both Friday and Saturday, with Friday's programs geared toward students in grades 3–12. More than 1,110 students from the Pittsburgh region and beyond are scheduled to visit Carnegie Science Center on Friday, Feb. 18.

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On Saturday, Feb. 19, visitors will have a chance to watch an IndEEE 500 cm robotic car race. Coordinated by the Institute of Electrical and Electronic Engineers (IEEE) Pittsburgh Section, the race challenges select teams of eighth graders to construct a car by applying elementary control systems, robotics, and mechanical and electrical engineering principles. Visitors can watch the teams construct their racers and then face-off in a lightening-fast race. The program begins at noon and ends by 4:30 pm.

“This program gives students, children, and their parents a chance to get up-close to current trends in engineering,” said Schoemer. “All of the activities are tons of fun and allow visitors to explore the complexity of engineering by looking at structures and practices that they are already familiar with. Plus, kids can get a real sense of career opportunities in engineering by talking with active professionals in the field.”

About Engineers Week

The National Engineers Week Foundation, a formal coalition of more than 100 professional societies, major corporations and government agencies, is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers among young students and by promoting pre-college literacy in math and science. Engineers Week also raises public understanding and appreciation of engineers' contributions to society. Founded in 1951, it is among the oldest of America's professional outreach efforts. Co-chairs for 2011 are Raytheon Company and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). For more information, visit www.eweek.org.

About Carnegie Science Center

Carnegie Science Center brings the world of science alive for visitors of all ages. One of the four Carnegie Museums of Pittsburgh, the Science Center features hands-on exhibits, three live demonstration theaters, a four-story Omnimax theater, Highmark SportsWorks[®], an interactive full-dome digital planetarium, a Cold War-era submarine moored on Pittsburgh's Ohio River, the world's largest and most comprehensive robotics exhibition, and a world-renowned model railroad display. Carnegie Science Center is located at One Allegheny Avenue on Pittsburgh's North Shore next to Heinz Field. Visit CarnegieScienceCenter.org, or call 412.237.3400 for more information.

About Carnegie Museums of Pittsburgh

Founded by Andrew Carnegie in 1895, Carnegie Museums of Pittsburgh is a collection of four distinctive museums dedicated to exploration through art and science: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. In 2009, the museums reached more than 1.2 million people through exhibitions, educational programs, outreach activities, and special events.

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