

*Your presence is requested...*

## Chicago Engineering Awards Benefit

Friday, February 24, 2012 Reception: 5:30 • Dinner 6:30

University Club of Chicago 76 E. Monroe, Chicago

Featuring the 99th presentation of the Washington Award to ...

### MARTIN COOPER

*For his contributions to the technology of personal wireless communications.*

Martin Cooper is a pioneer in the wireless communications industry, an inventor, entrepreneur and executive. He has had been a contributor to the technology of personal wireless communications for over 50 years. He conceived the first portable cellular phone in 1973 and is cited in the Guinness Book of World Records for making the first cellular telephone call. Cooper knew then that people needed the freedom that comes from anywhere, anytime telephony in contrast to being tethered to a desk or a car. He has been referred to as the father of portable cellular telephony and is recognized as an innovator in spectrum management.

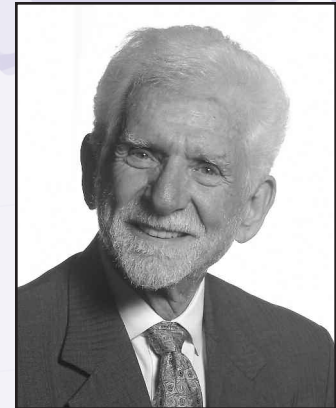
Cooper was a submarine officer in the U.S. Navy, a division manager and head of R&D for Motorola during a 29 year tenure. As an entrepreneur he has started a number of businesses including co-founding GreatCall, Inc., maker of the Jitterbug phone and service and ArrayComm, the world leader in smart antenna technology.

Cooper was an inaugural member of the WHF Wireless Hall of Fame, Red Herring magazine named him one of the Top 10 Entrepreneurs of 2000, the Wharton School of the University of Pennsylvania Business named him a Transformation Technology Change Leader and he is a recipient of the IEEE Centennial Medal. In 2010, he was inducted into the National Academy of Engineering and was awarded the Prince of Asturias Prize for Science and Technology. In March, 2011 Cooper was nominated for the "Mikhail Gorbachev: The Man Who Changed the World" Award.

Cooper holds a B.S. and an M.S. in Electrical Engineering and an honorary doctorate from the Illinois Institute of Technology on whose board he is a Life Trustee.

The Chicagoland Engineering Awards Benefit is the culmination of a weeklong celebration of the profession and of engineers. The Chicagoland Engineers Week Committee will also recognize some of the hundreds of middle to high school aged students who participate in a variety of mathematics and science programs and competitions throughout the year and during E-week. Top achievers in the following programs will also be honored at the banquet. Many who participate in Engineers Week programs will go on to a career in engineering, and those who don't will have caught a glimpse of the important work engineers do and the career heights they can achieve.

- **Future City Competition.** Junior High students create a city of the future, complete with transportation, housing, recycling and other key systems. The winning team goes on the national competition in Washington, D.C.
- **Bridge Building Contest.** High School students design, build and test bridges to withstand the highest loading given certain criteria. Regional winners will advance to the International Competition held in Chicago.
- **FIRST Robotics Competition.** Teams of young people and their mentors are challenged to solve a common problem in a six-week timeframe using a standard "kit of parts" and a common set of rules. Teams build robots from the parts and enter them in competitions designed by Dean Kamen, Dr. Woodie Flowers, and a committee of engineers and other professionals.
- **Essay/Poster Contest.** Sponsored by AAAEA, and open to all students in 3rd - 8th grades. Students submit an essay and a poster about an engineer that they admire or have made an impact on their life. This contest stimulates students to consider careers in engineering by fostering interest in engineering through research, essay writing, creating a poster, & interacting with engineers.
- **Illinois Science Fair.** Organized by the Illinois Academy of Science, some 1,000 student projects compete for four state awards and then eventually participate in nationals.
- **Destination ImagiNation, Inc.** A Career Education Initiative featuring the "Constitution Challenge" that helps develop the workforce of the future with teen participants competing and solving infrastructure, design, and service tech Challenges using teamwork, creativity and problem solving.



#### 2012 CHICAGOLAND ENGINEERING AWARD BENEFIT RESERVATION FORM

February 24, 2012  
Reception: 5:30 p.m. Michigan/Monroe Rm.  
Dinner: 6:30 p.m. Cathedral Hall

University Club of Chicago  
76 East Monroe Street Chicago

- Please reserve \_\_\_\_\_ seats at \$100 each  
Total \$ \_\_\_\_\_
- Please reserve \_\_\_\_\_ tables for 10 at \$1000 each  
Total \$ \_\_\_\_\_
- Payment Enclosed
- Please Bill:     Me     My company

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_

PHONE # \_\_\_\_\_

EMAIL \_\_\_\_\_

ATTENDEE NAME (please supply list of additional attendees)

Please send me sponsorship information.

Support raised from sponsors helps fund the various student programs and activities.

Please complete and return to Chicagoland Engineers Week Committee, c/o Western Society of Engineers, 1111 Burlington Ave, Suite 108-G, Lisle, IL 60532. Phone: 630-724-9770. Fax: 630-241-0142. E-mail: wse@wsechicago.org.

Please inform us of any special dietary or accessibility needs by February 21, 2012. Cancellations received by February 22, 2012 will be eligible for a refund. Checks are payable to: WSE/CEW.