



The 26th annual DuPage Area Engineers Week Expo 2010 was held February 20 at the ITT Rice Campus in Wheaton IL . The free and open to the public event targeted children from kindergarten through 8th grade with continuous displays, exhibits and presentations from 11 AM to 3:30 PM.

The IEEE EMC Society exhibit was manned by Bob Hofmann of Hofmann Consulting and Jerry Meyerhoff of JDM LABS LLC, both officers in the Chicago Chapter . Bob demonstrated AM radio interference caused by compact fluorescent (CFL) bulbs and wall-mounted light dimmers. He showed how the noise coupling & interference sound depended on the source. Chapter member Craig Dinsmore's home-made Van de Graaff generator was a great hit, literally raising the hair of our young volunteers. Jerry's shielding poster paper and demo used a radio-controlled toy car to illustrate the physics and problem solving techniques EMC engineers use to control radio interference propagation.

The Women In Engineering (WIE) exhibit was an interactive hands-on activity, explaining the function of electronic circuit boards . The young participants got to solder in components. A few lucky junior engineers won a soldering iron kit to take home. It was staffed by Sharon Phillips of IEEE-WIE , IEEE-EMC and Secretary of IEEE Chicago Section's Executive Committee as well as Louann Devine, Electrical Engineering Graduate Student at UIC and Publicity Chair of the EMC Society Chicago Chapter and Vickie Peters , WIE volunteer Chair.

The young participants were ably escorted by their parents through the 2 floors full of exhibits , theater presentation shows and interactive exercises . It appeared to be a great success, judging from the packed hallways, clusters of young people crowding the exhibit tables and their animated conversations ..

Jerry Meyerhoff
Secretary, IEEE EMCS Chicago Chapter.



Louann Devine at WIE Soldering Exhibit.



Sharon Phillips at WIE Soldering Exhibit.



Jerry Meyerhoff at IEEE EMCS Shielding Poster Exhibit & demo.



Bob Hofmann at IEEE EMCS Static Electricity Van de Graaff Generator demo.