Andrew Kahng named ACM Fellow

Congratulations to Andrew Kahng for being named one of 52 Fellows of the Association for Computing Machinery for 2012. He was recognized for "contributions to physical design automation and to design for manufacturability of microelectronic systems." He is a pioneer in the physical design of integrated circuits, as well as in the field known today as integrated-circuit design for manufacturability.

Andrew Kahng has joined the ranks of ACM Fellows. Thus he joins the select group of faculty elected as Fellows to the organizations largely representing the academic worlds of computer science (ACM) and electrical engineering (IEEE). Andrew was elected a Fellow of IEEE in 2010, when he was cited for his contributions to "the design for manufacturability of integrated circuits, and the technology roadmap of semiconductors." He brings the number of ACM Fellows in CSE to 10 -- the majority elected in the past three years. ACM Fellows in CSE (in addition to Andrew Kahng) include: Keith Marzullo, Dean Tullsen, Amin Vahdat, Pavel Pevzner, Stefan Savage, Victor Vianu, George Varghese, Ron Graham and Jeanne Ferrante.
To read more on this article, check it out by going to the below link
http://www.jacobsschool.ucsd.edu/news/news_releases/release.sfe?id=1293

ThoughtStem is bringing STEM education to kids

Over winter break most of the school was getting a rest, but CSE 1202 was still rocking! ThoughtStem held an event last Sunday where they brought fifteen 8-13 year olds to our department to introduce them to Arduino, an open source microcontroller where students can write code and build circuits, by engaging them in challenges that involved both hardware and software modifications. These students are not experienced in either hardware or software design and development, yet through ThoughtStem's well crafted curriculum they were able to solve 6 challenges that included concepts such as loops, conditionals, methods, variables, resistance, analog and digital reads/writes and photoresistance. ThoughtStem is a company founded by three UCSD PhD students, two of which are CSE students, Sarah Esper, Stephen Foster and Lindsey Handley. The mission of ThoughtStem is to bring top quality in-person STEM education to kids ages 9 to 18. For more information about this and upcoming events: visit their website at: thoughtstem.com. Contact them via email at: contact@thoughtstem.com Like them on Facebook at: facebook.com/ThoughtStem

Checking air quality on your cellphones

Faculty GPS

Beth Simon will be traveling on 01/15-01/16 to a NSF PI meeting for Computing Education for

Congratulations to Bill Griswold along with Piero Zappi, Nima Nikzad, Celal Ziftci, Liz Bales, Nakul Verma, and Nichole Quick on making news with their work on Citisense. CitiSense is an experimental tool that detects and measures a handful of pollutants and wirelessly sends the readings to Android phones. The system is still in the development stage. But CitiSense has worked well in field tests and is the kind of personal air quality monitoring device federal regulators have been urging science and industry to make. The device "is for people who would be sensitive to these pollutants, like asthmatics, the elderly, young children and high performance athletes," says William Griswold, who leads the development team. "We're measuring the pollutants that are most commonly encountered in San Diego County." To read more about this, check out the below links as this is featured in both the San Diego Union Tribune and JSOE.