

FRIDAY, NOVEMBER 9, 2012

Ron Graham and Fan Chung Graham join the Inaugural Class of Fellows of the AMS



The Fellows of the American Mathematical Society program recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication, and utilization of mathematics. Ron Graham and Fan Chung Graham, CSE Professors, are experts in combinatorics and theoretical computer science. Ron is a past president of the two largest associations of mathematicians: the American Mathematical Society (1993-94), and the Mathematical Association of America (2003-04). Congratulations to Fan and Ron!

CitiSense wins the best paper award

The CitiSense won the best paper award for their paper "CitiSense: Improving Geospatial Environmental Assessment of Air Quality Using a Wireless Personal Exposure Monitoring System" at the Wireless Health conference in San Diego last week! CitiSense is a participatory air quality sensing system that bridges the gap between personal sensing and regional measurement to provide micro-level detail at a regional scale. In a user study of 16 commuters using CitiSense, measurements of individual exposure to air pollution were found to vary significantly from those provided by official regional pollution monitoring stations. The project is a collaboration between the Department of Computer Science and the School of Medicine here at UCSD. Details about the conference/paper can be found on this link. <http://www.wirelesshealth2012.org/technical-sessions/> Great job to the authors! Congrats Nima Nikzad, Nakul Verma, Celal Ziftci, Elizabeth Bales, Nichole Quick, Piero Zappi, Kevin Patrick, Sanjoy Dasgupta, Ingolf Krueger, Tajana Rosing, and William Griswold.



CSE Students Develop Crowdsourcing for iPhone App

Three CSE students have produced a new mobile app that lets iPhone users determine the best time to cross the border into the U.S. from Mexico or Canada. It builds on an existing Android app from Calit2, but for the first time, it allows motorists to provide eyewitness accounts of how long it takes them to cross the border. The 'crowdsourced' iReport information is then made instantly available to other motorists by meshing it with existing survey data provided by border agents on wait times at a border crossing. The new feature aims to improve the accuracy of wait times that can now be accessed by both Android and iOS phones (as well as on the Web). Calit2 staff researcher Ganz Chockalingam oversaw the team of

CSE students who built the iPhone app. The undergraduates were senior Matthew Davis and junior Rodrigo Rallo. Graduate student Tarfah Alrashed is going for her Master's, and is also a researcher at King Abdulaziz City of Science and Technology (KACST), a government research lab in Saudi Arabia that has a partnership agreement with Calit2. Go here for the full story: <http://www.calit2.net/newsroom/release.php?id=2086>



ULTY GPS

Keith Marzullo traveled to Germany on 11/06-11/10 to attend a Dagstuhl workshop on Publication Culture in Computing Research.



Geoff Voelker will be traveling on 11/13-11/16 to attend the IMC Conference in Boston.



Scott Baden will be traveling on 11/12-11/15 to attend the Supercomputing Conference in Salt Lake City, Utah.

