

FRIDAY, MARCH 13, 2013

## Improving Efficiency of Cloud Computing Infrastructure



Lingjia Tang and Jason Mars have developed a novel approach that allows the massive infrastructure powering cloud computing to run more efficiently. The new approach can make these warehouse-scale computers run as much as 15 to 20 percent more efficiently. This novel model has already been applied at Google. The work is one example of the research Mars and Tang are pursuing at the Clarity Lab at the Jacobs School, their newly formed research group. Clarity is an acronym for Cross-Layer Architecture and Runtimes. Mars will be presenting some of their work April 18 on the UC San Diego campus at the Jacobs School of Engineering's Research Expo. Read more about this story by going to this link. [http://www.jacobsschool.ucsd.edu/news/news\\_releases/release.sfe?id=1327](http://www.jacobsschool.ucsd.edu/news/news_releases/release.sfe?id=1327)



### AGENDA

#### Thursday, March 14, 2013

8:30AM	Shuttle to UCSD (Shuttle leaves hotel at 8:45AM)	1202
9:15AM	Breakfast	1202
10:00AM	Welcome Session	1202
10:30AM	1-on-1 meetings/group presentations	EBU3B
12:00PM	Lunch	*15 at the Village*
2:00PM	1-on-1 meetings/group presentations	EBU3B
5:00PM	Shuttle to Scripps Forum (meet in 1st floor lobby)	
5:20PM	Shuttle departs to Scripps Forum	
6:00PM	Scripps Forum Dinner Event	
8:15PM	Shuttle to Hotel	

#### Friday, March 15, 2013

8:30AM	Shuttle to UCSD (Shuttle leaves hotel at 8:45AM)	1202
9:00AM	Breakfast	1202
9:30AM	1-on-1 meetings/group presentations	EBU3B
12:00PM	Shuttle to Beach BBQ (meet in 1st floor lobby)	La Jolla Shores
12:30PM	Beach BBQ at La Jolla Shores	
2:30PM	Shuttle to Airport or back to the Hotel	



### Computers Without Clocks

Asynchronous systems can run faster and save energy.

2012 Kyoto Prize Laureate **Dr. Ivan Sutherland**, the "Father of Computer Graphics," will be leading an interactive workshop on the potential of asynchronous computing on Friday, March 15 - 9:30 a.m. - 12:30 p.m. at the Calit2 Auditorium, Atkinson Hall, on the UCSD campus.

*No charge to attend. First come, first served. Workshop is designed for Educators, Advanced Students and Industry Professionals in IT.*

#### Speakers:

##### Dr. Ivan Sutherland

Visiting Scientist, Portland State University, Kyoto Prize Laureate 2012

##### Dr. Rajit Manohar

Professor, Cornell University - Founder of Computer Systems Laboratory

##### Dr. Peter Beerel

Professor, USC Viterbi School of Engineering

Advance registration required at [cwalrad@daven.com](mailto:cwalrad@daven.com) by Monday, March 11. Seating is limited.

Co-sponsored by Kyoto Prize Symposium, Inamori Foundation, IEEE Computer Society, UCSD and Scripps

CSE GRADUATE VISIT DAY

## Faculty ?

GPS



### Geoff Voelker

traveled on 02/27-03/01 to give a Distinguished Lecture Series Talk at the University of



### Ingolf Krueger

will be traveling on 3/18-3/20 to attend the Clojure/West conference in Portland, Oregon.