

Recap from 5G and Beyond Forum 2019

The 7th Annual 5G and Beyond Forum began with discussing the “New Era of Smart Transportation” and concluded with “Stepping Into the Future - The 6G World of 2030.” Attendees not only heard from UCSD professors but also had the opportunity to interact with wireless communications and applications thought leaders. Thank you to our distinguished speakers, panelists, professors and students, all of whom helped to make our annual forum a great success!



Event Gallery

CWC News and Events

Forum Heralds Arrival of 5G

After years of speculation, planning and innovating, 5G has arrived. The promise of faster, more reliable and more widespread connectivity is no longer a futuristic goal but a commercial reality. With latencies of less than 1 millisecond, speeds upwards of 10 gigabits per second and extremely high reliability, all while supporting exponentially more devices than ever before, the question now is what will this technology enable?



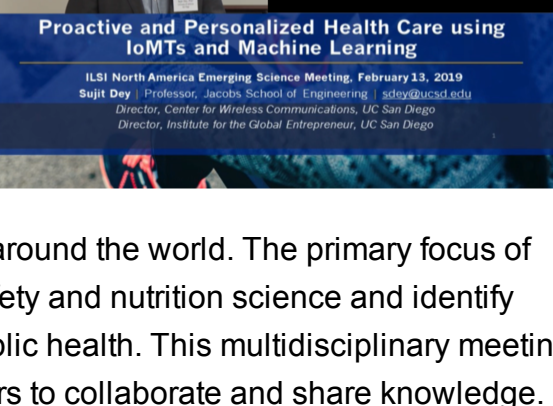
Sanyogita Shamsunder, Vice President of Technology Development at Verizon, speaks at the 5G and Beyond Forum.



The Smart Transportation Innovation Program (STIP), a UC San Diego-based global collaboration of academic, industry and community partners, celebrated its first year with a workshop highlighting the progress the program has made toward its goal of smart, sustainable and safe transportation solutions, and offering ideas of what the consortium will focus on in the future.

Professor Dey presents at ILSI North America Emerging Science Meeting

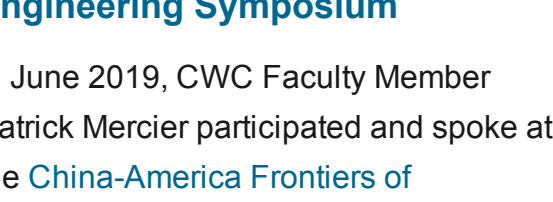
Recently CWC Director, Professor Sujit Day gave a presentation on 'Personalized Healthcare Using IoMTs and Machine Learning'. The 2019 ILSI Annual Meeting was a premiere gathering of scientists from around the world. The primary focus of the meeting was to learn about new food safety and nutrition science and identify areas where ILSI can have an impact on public health. This multidisciplinary meeting was an opportunity for experts from all sectors to collaborate and share knowledge.



Proactive and Personalized Health Care using IoMTs and Machine Learning
ILSI North America Emerging Science Meeting, February 23, 2019
Sujit Day | Professor, Jacobs School of Engineering | sday@ucsd.edu
Director, Center for Wireless Communications, UC San Diego
Director, Institute for the Global Environment, UC San Diego

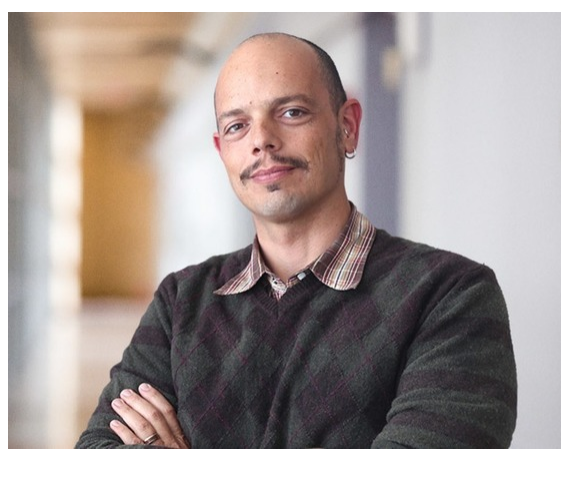


In June 2019, CWC Faculty Member Patrick Mercier participated and spoke at the China-America Frontiers of Engineering Symposium, organized by the National Academy of Engineering. Prof. Mercier presented a talk titled "Ultra Low-Power Integrated Circuits Enabling Next-Generation IoT Applications". Designed to foster international and cross-disciplinary research collaboration, this symposium focused on frontiers in Neuroengineering, Smart Cities, 5G, and New Material.



Ultra-Low-Power Integrated Circuits Enabling Next-Generation IoT Applications
Patrick Mercier
University of California, San Diego

Faculty Highlights



CWC Faculty Massimo Franceschetti Named a 2019 Guggenheim Fellow

Massimo Franceschetti, a professor of Electrical and Computer Engineering has been awarded a 2019 Guggenheim Fellowship. The fellowship is awarded by the John Simon Guggenheim Memorial Foundation to individuals who have demonstrated exceptional capacity for productive scholarship. Franceschetti was the only fellow nominated this year in the category of Natural Sciences: Engineering.

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CWC Congratulates ECE Professor Kahng, CWC Faculty Member Pamela Cosman, and Student Researcher Haowei Jiang!

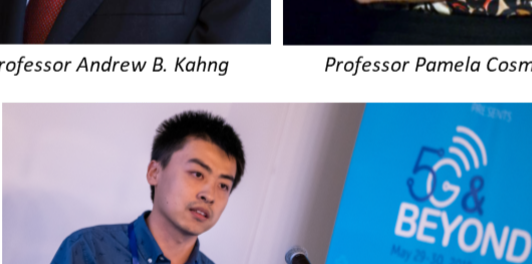
Andrew B. Kahng, an Electrical and Computer Engineering Professor has been awarded the 2019 Ho-Am Prize for Engineering, the highest award for engineering in Korea.



Professor Andrew B. Kahng

Professor Pamela Cosman

In March, Professor Cosman formally accepted the Diversity Award from the Electrical & Computer Engineering Department Heads Association.



Haowei Jiang

Haowei Jiang, a PhD student recently received the IEEE SSCS Predoctoral Achievement Award.

UC San Diego is one of the **top 10** universities in the country for research output and **fourth** among the country's public universities, according to rankings released by the Nature Index.



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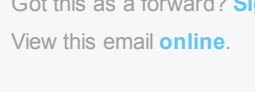


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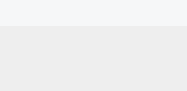
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