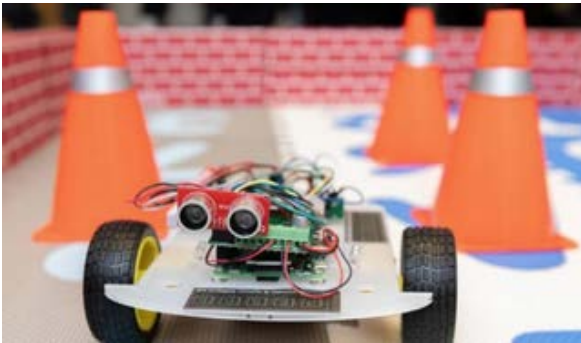


Researchers from STARnet's SONIC Center have pioneered wireless sensors that could revolutionize how premature babies are monitored. More: [CBS News](#) (video), [Science Daily](#), and [IEEE](#) »



Ultra-low power chips help make small robots more capable.

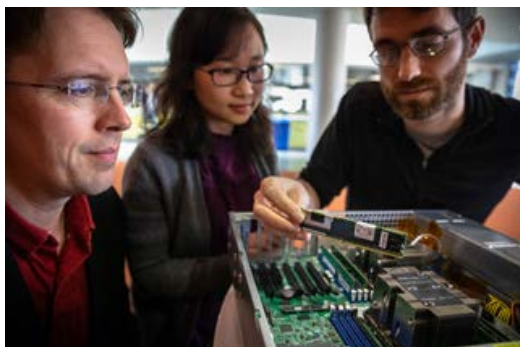


At ISSCC' 19, a C-BRIC team of researchers, led by GaTech student [Ningyuan \(Brian\) Cao](#) and newly tenured Prof. Arijit Raychowdhury, demonstrated that low-power devices at the edge of the network can run reinforcement learning for similar power budgets as they now run inference jobs. Using the chip, [robots communicated with each other to map out a previously unknown course](#). (video) Ningyuan plans to graduate from GaTech in Feb-2020 with a PhD in EE.»

FPGA collaboration between UCLA and Cornell professors and students yields Best Paper Award.



Researchers from Cornell and UCLA received the Best Paper Award at the [27th ACM/SIGDA International Symposium on Field-Programmable Gate Arrays](#) for “HeteroCL: A Multi-Paradigm Programming Infrastructure for Software-Defined Reconfigurable Computing.” Read more [here](#) and [here](#). »



Game-changing memory and solid state storage technologies integral to Intel's long-term vision.

Forbes emphasized the [potential impact of Optane DC Persistent Memory from Micron and Intel](#), highlighting [benchmarking results](#) by CRISP Center Researchers, Profs. Steve Swanson and Jishen Zhao. The UC/San Diego team found that Optane DIMMs can make key storage applications run between 17-128 times faster than conventional approaches, especially if system designers adapt their hardware and software to fully exploit the advantages of 3D XPoint. Learn more [here](#) & [here](#) »

JUMP researchers win DATE 2019 Best Paper Award.

C-BRIC student [Younghoon Kim](#), his advisor Prof. Anand Raghunathan, and their coauthors won the DATE 2019 Best Paper Award for "Data Subsetting: A Data-Centric Approach to Approximate Computing." [SRC Pub P095613](#). The paper was presented in late March in Florence, Italy. Younghoon plans to graduate from Purdue Univ. in Nov-2019 with a Ph.D. in EE. »



SRC student wins Academic Achievement Prize.

ADA student Abraham Addisie, a PhD candidate at the University of Michigan, has been awarded the Richard F. and Eleanor A. Towner Prize for Distinguished Academic Achievement by the UM College of Engineering. This prize is presented to a graduate student in each degree program to recognize active participation in research, leadership, and academic performance. [Read more.](#) »

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