

CHASE 2019

The Fourth IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies

Washington, D.C., Sep. 25-27, 2019



IEEE/ACM CHASE is a leading international conference in the field of connected health. It aims at bringing together researchers worldwide working in the smart and connected health area to exchange innovative ideas and develop collaborations. Connected health can be defined as the use of Internet, sensing, communications, and intelligent techniques in support of health-related Applications, Systems and Engineering. Connected health brings together multiple domains and multidisciplinary technologies to provide preventive or remote treatments by utilizing digital health information structure such as body sensor networks and intelligent techniques such as from Data to Knowledge to Decisions, while at the same time connecting patient and caregivers seamlessly in the loop of the healthcare ecosystem. In the future, Connected Health will be realized by providing rich medical information to each individual by replacing infrequent, clinic-based measurements with unobtrusive, continuous sensing, monitoring and assessment. Connected health technologies will enable preventive health and personalized medicine and may significantly reduce healthcare costs. However, a number of challenges still need to be addressed to enable connected health worldwide. Building upon the success of CHASE 2016-2018, CHASE 2019 will be held in Washington, D.C. on Sep. 25-27, 2019. Prospective authors are cordially invited to submit their original contributions covering completed or ongoing work related to the connected health area. IEEE/ACM CHASE positions itself as a venue for science and engineering researchers to publish their research and discovery, including those that have potential to enable innovations but not yet ready for clinical study. **All accepted conference papers will be published on [Elsevier Smart Health Journal](#) as a special issue.**

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- * Weisong Shi (Chair), Wayne State University
- * Marjorie Skubic, University of Missouri
- * Honggang Wang (Co-Chair), University of Massachusetts Dartmouth
- * Gang Zhou, William and Mary

Important Dates

- * Regular paper submission due: **March 18, 2019**
- * Demo and poster paper submission due: **June 9, 2019**
- * Workshop proposal submission due: **March 1, 2019**
- * Notification for regular papers: **June 16, 2019**