Marquette University: Plays host to COMPSAC 2019

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MILWAUKEE — Marquette University will be the site of the 2019 Computers, Software and Applications Conference hosted by the IEEE Computer Society, July 15-19, at the Alumni Memorial Union, 1442 W. Wisconsin Ave.

This year will mark the return of COMPSAC to the United States for the first time since 2016 in Atlanta and just the third time since 2007. The conference was held in Tokyo in 2018 and Torino, Italy, in 2017.

Marquette faculty and staff have helped lead the organization of the 2019 installment: Drs. Sheikh Iqbal Ahamed (steering committee vice chair), Praveen Madiraju (local organizing committee chair), Tom Kaczmarek (sponsors chair), Carmel Ruffolo (industry chair), Chandana Tamma (social media chair) and Satish Puri (student research symposium co-chair).

The theme of COMPSAC 2019 is "Data Driven Intelligence for a Smarter World." From the conference description: "In the era of 'big data' there is an unprecedented increase in the amount of data collected in data warehouses. Extracting meaning and knowledge from these data is crucial for governments and businesses to support their strategic and tactical decision making. Furthermore, artificial intelligence and machine learning makes it possible for machines, processing large amounts of such data, to learn and execute tasks never before accomplished. Advances in big data-related technologies are increasing rapidly."

Keynote addresses will be delivered by Dr. Wendy Nilsen of the National Science Foundation; Simon Liu of the U.S. Agricultural Research Service; Dr. K. J. Ray Liu, Christine Kim Eminent Professor of Information Technology at the University of Maryland; and Dr. Laura Specker Sullivan, assistant professor of philosophy at the

College of Charleston.

The Northwestern Mutual Data Science Institute is a Platinum Supporter of COMPSAC 2019. Last year, Northwestern Mutual formed an academic partnership with Marquette University and UW–Milwaukee. The NMDSI has worked to organize local industry panels on the future of manufacturing, financial services, and healthcare. The panels will feature local professionals speaking about their experiences and how technology is influencing their industry.

The IEEE Computer Society's annual awards will be presented at the COMPSAC banquet at the Harley Davidson Museum. Technical Achievement Awards will be presented to Professor C.C. Jay Kuo, University of Southern California, for seminal contributions to video coding technologies; Professor Radu Marculescu, Carnegie Mellon University, for seminal contributions to the science of network on chip design, analysis and optimization; and to Professor Zhi-Hua Zhou, Nanjing University, for seminal contributions to machine learning and data mining. As well, John W. Walz will receive the 2019 Richard E. Merwin Award, the IEEE-CS's highest level volunteer service recognition for outstanding volunteer service to the profession at large, including significant service to the Computer Society.

For more information on COMPSAC 2019, click [here](#).

COMPSAC is the IEEE Computer Society Signature Conference on Computers, Software and Applications. It is a major international forum for academia, industry, and government to discuss research results and advancements, emerging problems, and future trends in computer and software technologies and applications. The technical program includes keynote addresses, research papers, industrial case studies, plenary and specialized panels, fast abstracts, a doctoral symposium, poster sessions, and a number of workshops and tutorials on emerging and important topics.

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