



*Advancing Technology
for Humanity*

“Leveraging Technology for a Better Tomorrow”

NY IEEE SMC Society, NY IEEE Computer Society, NY IEEE Women in Engineering

True Digitalized Hospital

Sarah H. Chung

NYU Langone Medical Center

November 15, Friday, 6~ 8:30 PM

LIU-Brooklyn, Health Sciences Building, Room HS 119

Directions: <http://www.liu.edu/Brooklyn/About/Visit/Directions.aspx>

Since iPad was introduced to the world, it has been changing people's digital experience for the past decades and followed by discussions of the human face of Big Data, Machine Learning, Internet of Things (IoT), Deep Learning and other Artificial Intelligence technologies. U.S. government also has been developing the Healthcare Research and Development Initiative to solve significant imbalanced of healthcare expenditures between 88% in medical services as well as 12% in fee services and preventive services that the government is facing. The ideal ratio of healthcare expenditures should be as close as possible to 50% to 50%. We are sure the larger amount of information, the better vision of healthcare. **True Digitalized Hospital** became one of the hottest topics in healthcare and it is pave a way to a digital-health-revolution, which include the following major features: [1] **Robot**, [2] **Virtualization**, [3] **Personalization**, and [4] **Prevention**.

Ms. Sarah H. Chung is a Senior Data Analyst in Healthcare with NYU Langone Medical Center where she received a Technology Innovation award in 2017. Prior to join NYU, Sarah was a Manager of Data Management and Finance Systems, with American Express Publishing where she has been awarded by American Express three times among different categories during her thirteen years' services. Ms. Chung was an adjunct faculty with SUNY Downstate Medical Center, Medical Informatics Department Master of Science program, and taught courses with St. John's University for ten years. She is serving as a Vice Chair of NY Chapter of IEEE Systems, Man, Cybernetics (SMC) Society, and NY Chapter of IEEE Computer Society. She is a member of IEEE Women in Engineering.

Agenda: 6:00 ~ 6:30 PM (Refreshments), 6:30 ~ 7:45PM (Lecture Presentation), 7:45 ~8:00 PM (Q/A). ALL ARE WELCOME