

A Journey from Surgical Robotics to Virtualizing Healthcare Delivery

by

Dr. Yulun Wang

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Time: 10:00 a.m. – 11:30 a.m.

Venue: Room 222, 2/F, Ho Sin Hang Engineering Building, CUHK

Abstract

This talk will cover how the surgical robotics industry began and how it is now evolving. The clinical problems and the technical solutions to these clinical problems will be touched upon. It will also cover how the virtual care industry has been progressing over the past 15 years, and what is likely to happen in the coming years. The challenges that society faces given on-going demographic trends, and the limitations of the existing healthcare delivery system, and how virtual.

Biography of the Speaker

Yulun Wang, Chairman, Founder, & Chief Innovation Officer, InTouch Health, Inc.

Dr. Wang founded InTouch Health in 2002, and served as Chairman & CEO until 2016, when he assumed the position of Chairman and Chief Innovation Officer. InTouch Health is a pioneering and market leading telehealth company that enables patients to receive clinical care from specialists at a distance. InTouch has received numerous awards including Deloitte's Technology Fast 500 Award and Inc Magazine's Inc 500 award as one of the fastest growing companies in America. Previous to InTouch, Dr. Wang founded Computer Motion in 1990, the company which pioneered surgical robotics. He was the principal architect and inventor of the voice-controlled robotic arm called AESOP, the first FDA-cleared surgical robot, as well as the ZEUS robotic surgical system, which performed the world's first transatlantic surgery. Computer Motion IPO'd in 1997 and merged with Intuitive Surgical (NASDAQ: ISRG) in 2003 for one third of the resulting company. Dr. Wang is author to more than 50 technical publications and inventor on over 100 patents. He has received multiple awards including UCSB's Entrepreneur of the Year award as well as an Ernest & Young Finalist for Entrepreneur of the Year. Dr. Wang served on the board of directors of Hoag Memorial Hospital in Newport Beach, CA. from 2008 to 2015, and served on the board of the American Telemedicine Association from 2010 to 2016, including as President from 2014 to 2015. Dr. Wang serves on the board of directors of Novaerus, a venture funded company that uses high plasma energy to clear air, since 2015. He has also served for many years on the Advisory boards of both the Electrical and Computer Engineering, and the Mechanical Engineering Departments of the University of California, Santa Barbara. Dr. Wang was elected to the National Academy of Engineering in 2011, and served on the NAE Peer Committee from 2012 through 2015. In 2017 he was appointed as a Council Member on the California Council on Science and Technology. In 2017 he received the IEEE Medal for Innovations in Healthcare Technology. Dr. Wang earned his Ph.D. in Electrical and Computer Engineering from the University of California, Santa Barbara (UCSB) in 1988. He is a frequent speaker at noteworthy events and conferences, and has been interviewed on the Today Show, Good Morning America, CNN, and others.