Institute Lecture

Dr. Pravin Bhagwat
Co-founder & CTO of Mojo Networks
Securing data from Wi-Fi network attacks

@ 4 pm | Saturday, February 15, 2020
Venue: L 16 (LHC)

About the Talk
"The world's most valuable resource is no longer oil, but data". Protecting valuable data from unauthorized access is absolutely critical for all high value enterprise and campus R&D networks. The only way to connect laptops and smart phones to campus network is through Wi-Fi. In this talk, the speaker will describe several threat scenarios involving Wi-Fi Smart phones, Access Points & Laptops. He will discuss: Why enterprise & campus IT should worry about wireless consumerization; What new wireless intrusion attacks are possible; What threats matter the most and how to protect against them.

Mojo Networks – the company he co-founded -- is the inventor of Wireless Intrusion Prevention Systems (WIPS). The technology they built is trusted by thousands of customers worldwide, including many large financial institutions and the highest levels of government. About a year ago, Mojo Networks got acquired by Arista. In this talk, he'll also reflect on challenges of doing a tech start-up and share his insights on building a globally competitive venture.

About the Speaker
Dr. Pravin Bhagwat is an entrepreneur and a wireless security researcher. He is Co-founder & CTO of Mojo Networks -- a product venture which started in year 2003 from Pune and grew to become a leading provider of Cloud Managed Secure Wi-Fi for the global market. In 2018, the company was acquired by Arista Networks. Dr. Pravin started his research career at IBM Thomas J. Watson Research Center and AT&T Labs where he was a lead member of Mobile IP, Wi-Fi and Bluetooth research teams. He has numerous research papers and 27 patents to his credit. He is the inventor of core technology for 'Wireless intrusion prevention system' and 'TCP splicing' - a technique for building fast application-layer proxies. Prior to starting his entrepreneurial journey, Dr. Bhagwat served as a Visiting Faculty at Computer Science Department, IIT Kanpur. In 2005, He was awarded MIT's Global Indus Technovator Award for successfully engineering the world's first multi-hop WLAN network. For the past five years, he has also been experimenting with a couple of non-tech ideas, such as leading a community level green/recycling initiative, starting an eco-restoration project near Pune and making a feature film length documentary. Dr. Pravin is an alumnus of IIT Kanpur (BT/CS/1990). He is the recipient of IIT Kanpur Distinguished Alumnus Award of 2019.

All are invited to attend
Dean of Research and Development