



WEDNESDAY Seminar

21 OCT | 4 PM

via Zoom (see email)

HOW WILL 6G TRANSFORM INDUSTRIAL ROBOTICS?

Dr. Vida Vakilian, CSUCI



The usage of collaborative industrial robots is accelerating faster than ever. Many believe bringing industrial robots and 6G technologies together plays a critical role in the development of Industrial Internet of Things (IIoT). Ultra-reliable and low-latency communications (URLLC) will be one of the new services in next generation of wireless systems, and the key enabler for IIoT, autonomous vehicles, eHealth and virtual reality. URLLC is expected to deliver low latency below 1ms, and low packet loss probability less than 10^{-5} . The development of URLLC is a challenging task in the sixth generation (6G) wireless communication systems. In this talk, Dr. Vakilian will give an introduction to URLLC enabler technologies and discuss how these technologies can revolutionize collaborative industrial robotics.

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