

Data Mining and Machine Learning with Application to Medical Data

When:

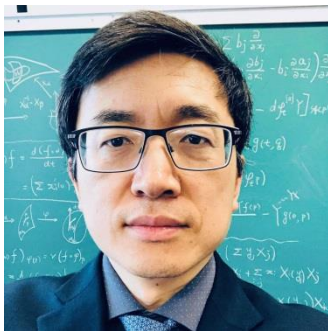
17th July 2019, 12:15 – 1:15 pm

Where:

TRI-UC, Basement Lecture theatre
550 University Ave., Toronto, M5G 2A2

GoToMeeting:

<https://global.gotomeeting.com/join/435099981>



Prof. Steven Wang

Professor in Statistics

Department of Mathematics and Statistics
York University

Abstract:

In this talk, we will discuss some applications of data mining and machine learning to medical data. We will discuss a variety of topics: genetic analysis, signal processing method for ECG and EEG, personalized medicine, autoimmune disease and human microbiome analysis. We will also share our experience on data including issues related to data cleaning and missing values.

Biography: Dr. Steven Wang is a professor in Statistics at the Department of Mathematics and Statistics. He received his Ph.D. in Statistics from the University of British Columbia in 2001 and did one year Postdoc on Data Mining at the Pacific Institute of Mathematical Sciences. He joined York University in 2002 and currently a full professor in Statistics. His research included statistical theory, data mining, optimization and machine learning. With his co-inventors, he has applied a Canadian and US patent for deep learning method. In the past 10 years, his research is focused on machine learning and medical data.