

FRIDAY, AUG 14TH | 10:00AM - 11:00AM

DATA SCIENCE AND MACHINE LEARNING TO TACKLE SOCIETAL CHALLENGES

Abstract:

With the upheaval of big data, powerful computational tools & algorithms, and the internet of things (IoT), machine learning is continuously shining its power in a wide range of branches from face & speech recognition to market design & supply chain management. Particularly machine learning using widely to tackle societal challenges to help humanity especially helping to reduce some of the major problems like climate change, crime reduction, poverty prediction. A problem like climate change is questioning human existence on earth. The talk is particularly about climate change which is considered as one of the greatest challenges facing humanity. Here, I will briefly introduce the application of machine learning to mitigate (reducing greenhouse gas emission) and adapt (developing sustainable warning & resilience system) with the changing climate. The talk will be useful for the data scientist, machine learning researcher, climate scientist, and also social scientist to solve societal problems by utilizing big data, machine learning, and deep learning algorithms.

UTRGV PGRA:

MD SALMAN RAHMAN

Zoom Link:

<https://utrgv.zoom.us/j/99290269755>

Meeting ID: 992 9026 9755

<https://sites.google.com/view/spiestudentchapter/home?authuser=0>

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