UConn ECE department and IEEE PELS & PES Chapter

Present an invited talk on

Model Predictive Control for Industrial Applications: Case Study

Model predictive control is a powerful control technique that is widely used in the process industries. A control strategy uses mathematical models of a process to predict future behavior and optimize control actions. The technique is particularly useful for controlling complex, dynamic systems, and has been applied in many different areas such as chemical, mechanical, and electrical engineering.

This talk will cover the principles of model predictive control and provide practical examples of its application in thermal energy systems. Also, the benefits and limitations of this technique will be discussed.

Dr. Xinsheng Lou
Technology Leader, Process Dynamics and Controls at GE

When: 5-6PM, March 10th, 2023

Location: ITE Building, Room 301
371 Fairfield Way, Storrs, CT 06268

Online link: https://tinyurl.com/2md23n5s