

DEPARTMENT OF MATHEMATICS

City University of Hong Kong

S E M I N A R

Sliding Model Control under Network Complexity

by

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Time: 11:00am - 12:00noon

**Venue: B5-307, Blue Zone, Floor 5,
Yeung Kin Man Academic Building (AC1), CityU**

ABSTRACT

The objective of this talk is to review some recent results on the utilization of sliding mode control (SMC) technique in theory and practical aspects towards application to networked control systems (NCSs). In particular, SMC for NCSs with Markovian switching parameters that encounter random changes in system parameters and structures will be presented by considering some features such as the event-triggered strategy in transmission line and network-induced delays, then their effects on the system performance will be discussed. Finally, some concluding remarks are provided.

~ALL ARE WELCOME~