



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON APPLIED MATHEMATICS

Digital twin: a new paradigm for healthcare

By

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Abstract

A digital twin is a virtual replica of a physical system, such as a person's health status. It can be used to monitor, understand, and optimize real-world situations. Digital twins for health can be used to simulate and analyze patient data and predict potential health outcomes. I will give an overview of the technology and discuss how to develop such AI-enabled tools from modeling and simulation perspectives.

Date : 15 August 2023 (Tuesday)

Time : 11:00am – 12:00nn

Venue : Room 3494 (near Lifts 25/26)

All are Welcome!