*REVISED**
For favour of Posting

THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PURE MATHEMATICS

Some experiments in AI for mathematics

by

Dr. Antoine de Saint Germain

University of Hong Kong

Abstract

Recent technological advances in AI are reshaping the methodology of mathematics, challenging the established ways and calling for new approaches. In this talk, I will present four concrete projects in which I have attempted to use AI for mathematics. I will also share some personal experience I have gained along the way.

Date : 26 November 2026 (Thursday)
Time : 1:30p.m. – 2:20p.m.
***Venue : Room 2405 (near Lift 17 & 18)**

All are Welcome!