



This talk is jointly organized by:

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Department of Statistics
The Chinese University of Hong Kong**

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Cross-discipline Mathematica Technical Talk

Mathematica and Wolfram Technology in Education and Research

Mr. Farid Pasha

Wolfram Research, Inc., Champaign, Illinois

Abstract:

- ✧ Introduction to Mathematica: Getting started, Manipulate, Teaching Resources, Demonstrations project, Accessing Wolfram|Alpha curated data, Documentation center.
- ✧ Symbolic Computation: Computation with symbolic expressions, including polynomial operations, solving equations and functions from calculus.
- ✧ Numerical Computation: Fitting data, interpolation, integration, solving equations, differential equations, linear systems, and working with large arrays.
- ✧ Visualization and Graphics: Two- and three-dimensional plotting, plotting data, and creating dynamic and interactive graphics
- ✧ Developing Interactive Documentations
- ✧ Special areas of interest: Machine Learning, Enhanced image processing, visualizations, Statistics, Statistical models for Finance application and CUDA support.

Date: Wednesday, 27 April 2016

Venue: LT3, Lady Shaw Building,

The Chinese University of Hong Kong, Shatin

Time: 10:30 a.m. – 12:00 noon

All are Welcome!