

SEMINAR SERIES

Computer Science Unplugged

Dr. Mark Saul

American Institute of Mathematics

San Jose, CA, USA

Date and Time: Friday, 23 March 2018, 4:30pm – 5:30pm

Venue: Room **Y6405**, City University of Hong Kong

Reception starts at 4:15pm

(Language: **English**)

Abstract

A computer is a tool for human thought. Before we sit down to the keyboard, we must have ideas in our minds about how to use this tool. In this (interactive) talk we will look at some concepts from computer science which don't require coding or machine time to learn about.

About the Speaker

Dr. Mark Saul is the Executive Director of the Julia Robinson Math Festival (JRMF), a program of the American Institute of Mathematics. The JRMF runs non-competitive after-school events in which students engage cooperatively in solving non-standard mathematical problems and activities. The festivals have reached thousands of students in 25 states and 6 foreign countries. Before this, Dr. Saul has worked as Director of Competitions for the Mathematical Association of America and directed the Center for Mathematical Talent at the Courant Institute of Mathematical Sciences, New York University. Dr. Saul has been a senior scholar for the John Templeton Foundation and a program officer for the National Science Foundation. His portfolio included programs in mathematics curriculum, in teacher professional development, and the Presidential Awards for Excellence in Mathematics and Science Teaching. He is a 1984 recipient of that award.

Dr. Saul has served as President of the American Regions Mathematics League, mathematics field editor of Quantum (the English-language version of the Russian journal Kvant), a board member of the National Council of Teachers of Mathematics, and a member of the Mathematical Sciences Education Board for the National Research Council. He has written, translated, or edited twelve books and numerous articles. His most recent volume, written with Titu Andreescu for the American Mathematical Society, is about algebraic inequalities, leading students from very ordinary classroom fare to Olympiad-level problems in incremental steps.

This interactive seminar is open to secondary school students and teachers.

Chair: Dr. Chee Wei Tan (algebrachallenge@gmail.com)