

Apple vs Samsung: a Mathematical Battle



Speaker: Professor James Davis

University of Richmond

Date: Wednesday, 18 May 2016

Time: 6:30 - 7:30 pm

Venue: NUS University Hall Auditorium

Lee Kong Chian Wing Level 2,

21 Lower Kent Ridge Road,

Singapore 119077

FREE ADMISSION

ABSTRACT

Apple and Samsung have been fighting patent battles around the world. Come learn about the mathematics at the heart of one of these battles, the error correcting codes used in 3G communication. We will give a gentle introduction to coding theory, explain why this caused a legal battle, and we will conclude by describing why President Obama ultimately vetoed the ruling by the court (the first time a president had used that veto power in nearly 40 years!).

ABOUT THE SPEAKER



James (Jim) Davis, Professor of Mathematics at the University of Richmond since 1988, does research in combinatorics and error correcting codes. He received his PhD in Mathematics from the University of Virginia in 1987. He spent two years working for Hewlett-Packard and he has 15 patents stemming from that work. He has published more than 50 papers, including several with undergraduates as coauthors. Outside of mathematics, he is an avid squash and bridge player.



Organizer

