

$$F=pVg$$

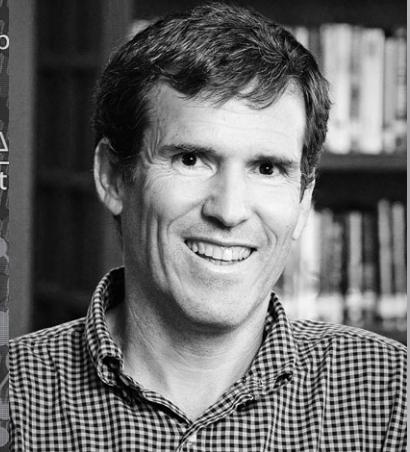
$$A=F \cdot S \cdot \cos \alpha$$

$$H=\frac{1}{2\pi r}$$

# INSTITUTE FOR MATHEMATICAL SCIENCES

*Ng Kong Beng Public Lecture Series*

黃光明公开讲座



$$F=mg$$

$$v=\sqrt{\frac{G \cdot m_3}{R_3}}$$

$$\nu = \frac{hc}{\lambda}$$

$$\lambda_0 = \frac{hc}{A}$$

## Apple vs Samsung: A Mathematical Battle

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!).

$x=X_m \sin(\omega t + \phi_0)$   
Speaker:

Professor

**James Davis**

University of Richmond,

$$\omega = \sqrt{\frac{k}{m}} = \sqrt{\frac{g}{l}}$$

USA

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

Nearest MRT Station Kent Ridge CC24

*Admission is free. No registration required.*

Organiser



For more information, visit [www2.ims.nus.edu.sg](http://www2.ims.nus.edu.sg) or email [ims@nus.edu.sg](mailto:ims@nus.edu.sg)