

The Johns Hopkins University
Department of Electrical and Computer Engineering
Presents

A Special Seminar by:

Dr. Michael Geraint Robinson
Chief Scientist
RealD

“3D Technology”

Abstract:

This presentation will cover the three key aspects of a 3D system:

1. Content creation
 - Cameras, CGI, 2D – 3D conversion etc...
2. Content Delivery
 - Formats, standards, compression etc.
3. Display
 - Stereoscopic, Eyewear, Multiview etc.

Emphasis will be placed on the technology of display systems, particularly those close to commercial availability.

About Mike Robinson: Dr. Mike Robinson, a physics graduate of Oxford University, is currently the Chief Scientist at RealD, the world's preeminent 3D entertainment company. He is currently considered a world leader in display engineering after pursuing a mixed academic and commercial career. He is the inventor of JVC's DILA optical engine, Sony's SXRD LCOS compensation, and RealD's XL projection technologies, as well as being the author of Wiley & Sons' *Polarization Engineering for LCD Projection*. Dr. Robinson's current emphasis is in 3D stereoscopic visualization, and believes harmony between 3D content and displays is essential for future information display.

About REAL D: REAL D is making digital 3D experiences part of your everyday life. Whether in movie theatres, in public places, in business or at home, REAL D sees a world where entertainment, advertising and scientific content are increasingly 3D enabled. As the world's leading (and only) digital 3D experience provider, REAL D is dedicated to delivering digital 3D to the highest standard in cinemas, public spaces and business environments.

Monday, December 1, 2008
Time 4:30 p.m.
CSEB B17 Auditorium
(Refreshments served at 4:15 p.m.)