Title: **Unmanned Aircraft System RAVEN II of Canada**

Speaker:
Professor Siu O'Young
Principal Investigator, Project RAVEN
Faculty of Engineering and Applied Science
Memorial University of Newfoundland
Canada

Date: Monday, 14 November 2011
Time: 11:00 am – 12:00 noon
Venue: Room 603, Chow Yei Ching Building

Abstract:
RAVEN II is a Canadian research and development program conducted by Memorial University of Newfoundland along with their partners Provincial Aerospace Limited (PAL), Defense Research Development Canada (DRDC) and Research & Development Corporation, Newfoundland and Labrador (RDC). The program's focus is aimed at developing "Sense and Avoid" systems for small Unmanned Aircraft Systems (UAS).

Biography of the speaker:
Professor Siu O'Young was born in Hong Kong but now lives in St. John's, NF, Canada. He received the Ph.D. degree from the University of Waterloo, Waterloo, Ontario, Canada. He has held various industrial, research, and teaching positions at Saskatchewan Power Corporation, Oxford University, Oxford, U.K., and the University of Toronto, Toronto, ON, where he designed safetycritical control systems ranging from nuclear power plants to high-performance helicopters. He is currently a Full Professor with the Memorial University of Newfoundland, St. John's, Canada. He is now leading Project RAVEN, which is building smart "sense and avoid" payloads for controlling small unmanned aerial vehicles.

Organizer: Dr. G. Pang