The Apollo 13 Rescue Mission: the Role Played by the University of Toronto Institute for Aerospace Studies

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Emeritus Professor

ABSTRACT
When an in-flight explosion damaged NASA’s Apollo 13 spacecraft en route to the Moon, the manufacturer of the craft’s lunar module turned to the University of Toronto Institute for Aerospace Studies (UTIAS) for critical advice. In this seminar Phil will describe the blunder that led to the explosion on the spacecraft, and will provide details of the rescue mission including the role played by his team at UTIAS.

BIO
Phil Sullivan is a native of Sydney. He graduated in Mechanical Engineering with a BE with University Medal in 1959 and an ME in 1961. He obtained his PhD from Imperial College London in 1963 for experimental and theoretical work in hypersonic flow. After a year’s Post Doc at Princeton University, he joined The University of Toronto Institute for Aerospace Studies (UTIAS) in 1965, from which he retired in 2003. He has published papers and book chapters on a variety of subjects, including hypersonic flow, air cushion vehicles, air bearings, biological flows as well as the philosophy of science. He has remained active in his retirement and is at present writing a historically informed postgraduate book on fluid mechanics.

Thursday, 20th March 2014, 12:00 pm – 1:00 pm
Seminar Room, Level 1, School of Computer Science and Engineering, building K17

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