



Canadian Aeronautics and Space Institute Ottawa Branch

Tuesday, January 12th, 2016 Meeting Notice

Turbofans for Business Jets

Speaker: **Prof. Herb Saravanamuttoo**, Carleton University and GasTOPS Ltd.
Fellow CASI, ASME, IMechE and Canadian Academy of Engineering



Revised Location:

Minto Center, Room 5010

Carleton University
1125 Colonel By Dr.
Ottawa, Ontario

5:30 – 6:30 pm: Meet and Greet - *Drinks and snacks will be served courtesy of CMAS.*

6:30 – 8:00 pm: Presentation

8:00 – 8:30 pm: Question and Answer Session

Business jets allow for efficient point to point travel by individuals and corporations for whom time is at an absolute premium. The design requirements for business jet engines are significantly different from the requirements of their commercial jet counterparts. Prof. Saravanamuttoo's talk will trace the historical evolution of the turbofan for business jet applications from the Lockheed Jetstar to the Bombardier Global 7000/8000 with a discussion on key design parameters such as thrust, bypass ratio and specific fuel consumption.

*** This event is being organized in collaboration with the Carleton Mechanical and Aerospace Society (CMAS).

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