



INVITATION
of the
Acoustics Seminar Series



Acoustics Related Research at NRC Aerospace

Dr. Viresh Wickramasinghe
Principle Research Officer
Team Leader of Acoustics and Structural Dynamics Group
Flight Research Laboratory
National Research Council Canada (NRCC)
Ottawa, Canada

Dr. Viresh Wickramasinghe is a Principle Research Officer and Team Leader of Acoustics and Structural Dynamics Group at the Flight Research Laboratory of the National Research Council Canada (NRCC). He joined NRCC in 2001 and he has held multiple positions within NRC Aerospace during his tenure. Prior to joining NRCC, he worked as a Research Associate at the Active Materials and Structures Laboratory at MIT and helicopter maintenance engineer for the Sri Lankan Air Force. He obtained the PhD degree from Carleton University in Ottawa, Master of Science degree from Massachusetts Institute of Technology in Boston and Bachelor of Science degree from the United States Air Force Academy in Colorado Springs. His research interests include analysis and control of dynamic responses of structures to vibration, noise, impact and aerodynamics loads as well as response of human subjects to vibration and acoustic environments.

This presentation include expertise, facilities and selected projects in the area of acoustics performed at NRCC Aerospace. He will provide information of the facilities such as the large reverberant acoustic chamber, noise transmission loss facility and hearing protector assessment system. He will also present the summary of selected projects such as the spacecraft acoustic qualification, aircraft interior and exterior noise assessment, atmospheric noise propagation modelling and validation, and active noise control system assessment in aircraft cabins.

Date: 15:30 – 16:30
17 May 2019

Location: Department of whole vechile engineering (JFT)
9026 Győr, Egyetem tér 1.
47.692787, 17.627081

