



INVITATION
of the
Acoustics Seminar Series

Aeroacoustics at low and high Mach number



Dr. Con Doolan

Professor and Deputy Head of School
Department of Mechanical and Manufacturing Engineering
University of New South Wales
Sydney, Australia

Aeroacoustics is the science of how fluid flow creates sound. This is very important for a wide range of engineering applications, such as marine propellers, automobiles, wind turbine blades, drones, electrical appliances, aeroengines and hypersonic vehicles: unwanted noise and vibration from fluid flow can affect health, stealth and structural integrity, not to mention customer perceptions of consumer products.

This presentation will provide an overview of recent activities in aeroacoustics research from UNSW's Flow Noise Group. They have active research programs in wind turbine, automotive, drone, and high-speed jet noise. The talk will focus on recent results in wind turbine noise measurement and control, automotive roof-rack noise, drone propeller noise and supersonic turbulence-shock interaction noise.

Date: 16.00 – 17:00
27 May 2019

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