

Simulations of the noise sources and acoustic analogies to propagate these noise sources in the far field. The latter provides an efficient way to compute noise radiation of complex installed systems. All methods are first illustrated on the canonical problems of jet noise and airfoil self-noise, and finally on more complex systems such as lowspeed fan systems or modules, and high-speed turboengines.



FRIDAY, JANUARY 19<sup>TH</sup> - 11:30 a.m. McLAUGHLIN HALL ROOM 312