

Sound & Vibration Measurements – ME 459/659 Spring 2019

invites ME students and faculty to a unique presentation on practicing engineer

Thursday, March 18 2019,
8:00-9:15 am JCAIN 206

Appropriate Vibration Solutions Techniques are Dictated by the Nature of Practical Problems

by

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Abstract

The sources and nature of vibration problems in industrial plants can be very diverse. It demands that the plant engineer has a thorough knowledge of many underlying dynamic phenomena to enable accurate diagnosis of Industrial vibration problems. The payoff can be significant – it is often possible to solve such problems through simple diagnosis and solution techniques. This lecture will demonstrate a few such techniques through a diverse set of case studies.

Presenter Bio



Kristo Naudé is a Senior Engineer with NRG Energy, responsible for all pumps in the extensive power plant fleet. He joined NRG Energy in 2008 and is based in the corporate office in Houston, TX. Kristo has more than 24 years pump-related experience in consulting engineering, pumps manufacturers and power utilities in South Africa, Canada, and the USA. All power plant work has centered on pump problems, root cause analysis, pump system reliability and system enhancement. Kristo obtained a B.Sc. (Mechanical Engineering) from the University of Pretoria in 1986, and an MBA through the University of Stellenbosch Business School in 1998. Mr. Naudé is a member of the Industrial Advisory Committee for the Pump International Symposium.