



INVITATION
of the
Acoustics Seminar Series

**Modeling, characterization and development of noise
control materials**



Dr. Nouredine Atalla
Director of GAUS
Professor of Mechanical Engineering at Université de Sherbrooke
President of Mecanum Inc.

Nouredine Atalla is a professor of Mechanical Engineering at Université de Sherbrooke, director of GAUS (Group d'Acoustique et de vibration de l'Université de Sherbrooke: www.gaus.ca) and President of Mecanum Inc. (www.mecanum.com). His core expertise is in computational vibro-acoustics and acoustic materials. He has published more than 120 papers in acoustics and vibration, spanning different domains, including modeling poroelastic and viscoelastic materials, coupled fluid-structure problems, the acoustic and dynamic response of sandwich and composite structures, and computational vibro-acoustics. He is also the co-author of a book on the modeling of sound porous materials and another one on finite and boundary elements in structural acoustics and vibrations.

In the first part of this talk, a description of GAUS (Groupe d'Acoustique de l'Université de Sherbrooke), one of the largest acoustic and vibration research group in North America, and its research activities will be given. Next, examples of projects illustrating the R&D activities of Prof. Atalla's will be presented with an emphasis on the modeling, characterization and developments of sound packages and their optimization for lightweight structures applications.

Date: 16:00
18th Dec 2019

Location: Uni SZE-Management Campus (Room: 123)
9026 Győr, Egyetem tér 1.
47.694681, 17.629800

