



# ACOUSTICS WEEK IN CANADA 2021 SEMAINE CANADIENNE D'ACOUSTIQUE 2021



## FINAL REPORT

Acoustics Week in Canada 2021  
Oct 5–7, Online

### 1 Overview

Acoustics Week in Canada (AWC) was originally planned for October 2020 in Sherbrooke (QC). It has been postponed to October 2021 due to the COVID pandemic. We hoped for a physical event, but the situation was so uncertain that we preferred an online format for this conference. Acoustics Week in Canada 2021 was thus held online Tuesday–Friday, October 5–7. Total attendance was approximately 110 people over the three days of the conference (40 people online on October 5 - 40 people online on October 06 - 30 people online on October 7). Net proceeds were \$1554.95 after the deduction of fees related to online tools.

#### Contacts/Organizing Committee

Conference Chair: Olivier Robin, Université de Sherbrooke  
Technical Chairs: Patrice Masson, Université de Sherbrooke  
Sebastian Ghinet, NRC

#### Exhibit/Sponsor

Coordinators: Julien Biboud, Mecanum Inc.  
Student Prizes and Subsidies: Victoria Duda, Université de Montréal

### 2 Online platform

The gather platform has been used to offer:

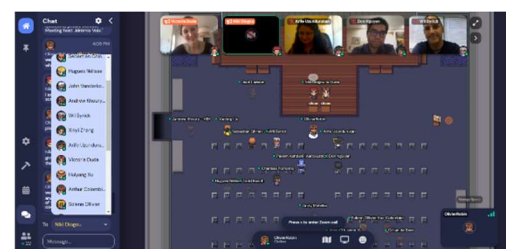
- A main room in which the plenary lectures and lightning sessions have been streamed using a zoom support,
- A virtual room dedicated to researchers, students and exhibitors to discuss/exchange after video presentations, including poster presentations, videos and face-to-face interactions.
- Open spaces to discuss/exchange.

Print screens of the gather platform are presented beside : upper – open space; middle – presenting room that includes both exhibitors and researchers; lower – the plenary room.

### 3 Technical Program

The technical program consisted of 48 contributions, and three ‘half-days’ were structured around three general themes

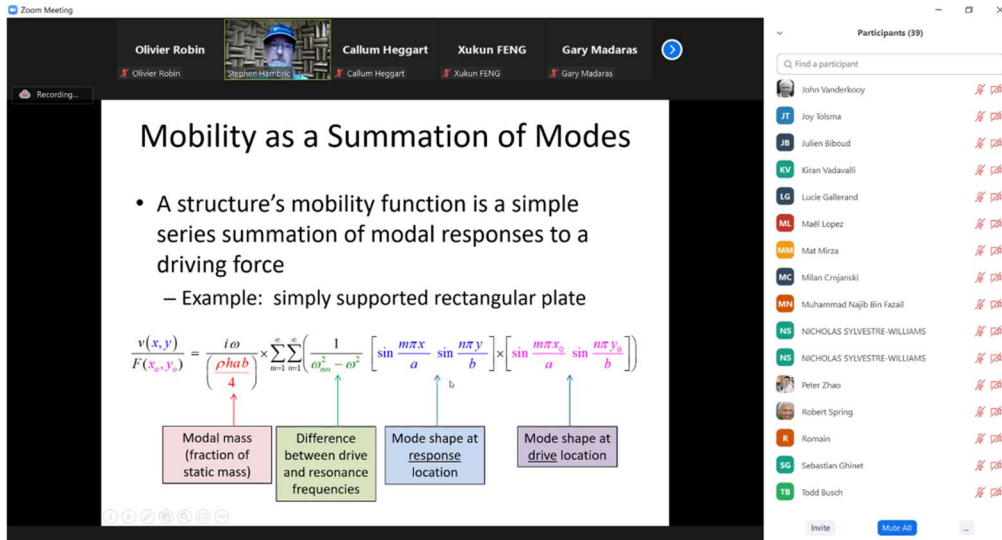
- October 5 - ACO1 'Acoustics and structures': works mostly involving room acoustics, building acoustics, vibroacoustics, ultrasound, shock and vibration,
- October 6 – ACO2 - 'Acoustics and living beings': works mostly involving psychoacoustics, hearing, bioacoustics, musical acoustics, education in acoustics,
- October 7 – ACO3 - 'Acoustics and computers': works mostly involving computations, simulations, signal processing applied to any acoustics domain.



In order to accommodate people for different time zones, each of the three days began with a plenary talk at 12:00 PM, and was followed by the technical program until 4:00 PM.

Plenary speakers were chosen to cover a wide range of topics of interest to acousticians and included:

- Steve Hambric (Vibroacoustics tutorial)
- Catherine Guastavino (50+ years of soundscape research – A tribute to R. Murray Schafer / 1933-2021)
- Steve Larouche and Sebastian Ghinet (Satellite Components Acoustic Analysis and Test Correlation)



Steve Hambric during his presentation with 39 attendees.

In addition, 25 two-page papers were published in the CAA Journal, *Canadian Acoustics*, in the October 2021 issue.

#### 4 Registration/Attendance

Registration rates were simplified and largely reduced for this online meeting, and were as follows (registration to CAA was mandatory):

Registration Type	Regular
Three-Day Registration (Members of CAA)	25
Three-Day Registration (Student Members of CAA)	10

#### 5 Exhibition

The Exhibition was held on gather platform, during the whole conference. Exhibitor fees were set at \$350. For this fee, exhibitors received a virtual booth table and complimentary three-day conference registrations. A complete list of exhibitors with logos is given in Appendix A.

Appendix A: Exhibitors

