

YOU'RE INVITED TO QUIET PLEASE!

An interactive workshop discussing health impacts and mitigation strategies from transportation noise in metro Vancouver.

Location

Creekside Community Centre
1 Athletes Way,
Vancouver, BC

Date

November 25, 2019

Registration: 0800-0830

Runtime: 0830-1600



FEATURING

Presentations
Guest Speakers
Group Discussions
Moderated Q&A

PRESENTATION TOPICS

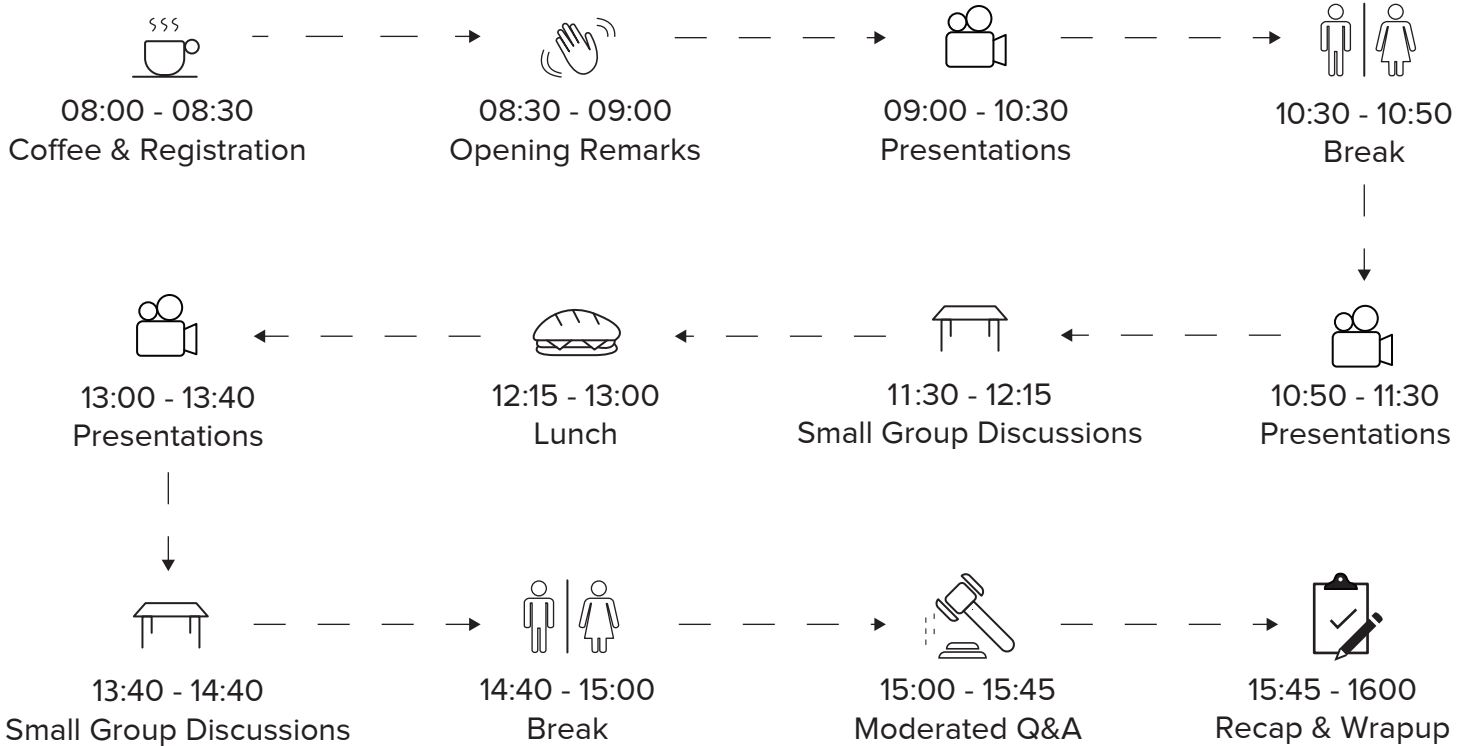
Transportation Noise **1**
Assessment in
Vancouver

Translink Sytrain **2**
Noise Report

Transportation Noise **3**
Health Impacts

Policy and Tools **4**
for Mitigating
Ambient Noise

Mitigation Examples **5**
from Other Urban
Centres



PRESENTATION SCHEDULE

1. Transportation Noise Assessment in Vancouver

- Hugh Davies (0900-0930)

2. Translink Skytrain Noise Report

- Briony Croft (0930-0950)

3. Transportation Noise Health Impacts

- Mathias Basner (0950-1030)

4. Policy and Tools for Mitigating Ambient Noise

- Eoin King (1050-1130)

5. Mitigation Examples from Other Urban Centres

- TBD (1300-1340)

GROUP DISCUSSION TOPICS

1130-1215

- What are Vancouver's (regional) problems?
- What are we doing well?
- What are we doing poorly
 - Information gaps
 - Future research

1340-1440

- What mitigation methods are appropriate for metro Van?
- Recommendations on next steps, policy, strategies, and tonal adjustments (KT)

**Mathias Basner**

Mathias Basner, MD, PhD, MSc is Associate Professor of Sleep and Chronobiology in Psychiatry at the University of Pennsylvania Perelman School of Medicine. He is currently President of the International Commission on the Biological Effects of Noise (ICBEN). His primary research interests concern the effects of sleep loss on behavior and cognition, population studies on sleep time and waking activities, the effects of traffic noise on sleep and recuperation, and the effects of long-duration space missions on behavior and cognition.

**Eoin A. King**

Dr. Eoin King is an Associate Professor of Mechanical Engineering at the University of Hartford, CT, USA. He sits on the Board of the Institute of Noise Control Engineering (USA) and is a member of both the European Commission Noise Expert Group and the International WELL Building Institute's Sound Concept Advisory Panel. Following postdoctoral research on noise assessment and control, he established a start-up noise and vibration consulting company before moving to the only US university that offers specialist undergraduate programs in acoustics and music.

**Michael Brauer**

Michael Brauer, ScD, is a Professor in the School of Population and Public Health at The University of British Columbia. His research focuses on linkages between the built environment and human health, with specific interest in transportation-related and biomass air pollution, the global health impacts of air pollution and the relationships between multiple exposures mediated by urban form and population health.

**Hugh Davies**

Prof. Davies, PhD, CIH is an Associate Professor of Occupational and Environmental Health at the University of British Columbia. Prof. Davies' research examines chemical and physical hazards in the workplace and in the community, and their effects on human health. He has researched the role of noise on human health for over 20 years, including the first "noise map" of a major Canadian City, and numerous papers examining the role of both occupational and transportation noise on the health of children and adults.

**Dr. Patricia Daly**

Dr. Patricia Daly is the Vice-President, Public Health and Chief Medical Health Officer for Vancouver Coastal Health. She is also a Clinical Professor in the School of Population and Public Health in the Faculty of Medicine at the University of British Columbia.

**Dr. Briony Croft**

Dr. Briony Croft is a consultant at SLR, specializing in rail acoustics with over fifteen years of engineering experience in the UK, Australia and now in Canada. Her doctorate was awarded for research into rail roughness and corrugation, a fundamental source of railway noise.

**Joseph Digerness**

Joseph Digerness is an acoustic engineer at Arup, where he has worked among a global team of sound and vibration experts for a dozen years on projects ranging from major rail and road infrastructure to sound art. Currently based in New York, he has previously worked in San Francisco, Singapore and most recently Melbourne.