The International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL) provides a unique opportunity for partnership and collaboration in the advancement of quantitative methods for the measurement and modelling of voice and speech. The AQL accomplishes this mandate by facilitating interprofessional scientific conference and training intended for an international community of otolaryngologists, speech-language pathologists and voice scientists. With a continued drive toward advancements in translational and clinical voice science, the AQL has rapidly expanded over the past 20 years, from a forum of 15 European member-laboratories to a globally recognized symposium, connecting over 100 delegates from across the world.





#### **REGISTRATION FEES /**

(in CAD, not including 5% GST and 9.975% QST)

	EARLY-BIRD RATE (Until Feb 28, 2019)	REGULAR RATE (After Mar 1, 2019)	LATE REGISTRATION (After May 25, 2019)
Pre-Conference Workshop Only	\$150	\$200	\$250
Full Registration	\$700	\$800	\$850
Student Registration (Student ID Reqd.)	\$250	\$350	\$400
Accompanying person to the Gala Dinner	\$100	\$100	\$100

The Full and Student Registration Fees include congress materials, admission to pre-conference workshops, scientific sessions and exhibition area, coffee breaks, lunches, Welcome Reception, and the Gala Dinner.

#### **IMPORTANT DATES /**

Abstract submission opens on: Abstracts submission deadline:

Notification of accepted abstracts:

Deadline for early bird registration:

Sept 1, 2018

Dec 15, 2018

Early February 2019

Feb 28, 2019

#### **CONTACT INFO /**

Luc Mongeau

817 Sherbrooke Street West Macdonald Engineering Building Room ENGMD-270

Montreal, Quebec H3A 0C3

aql2019-office.scsd@mcgill.ca www.aql2019.conference.mcgill.ca



The 13th International Conference on ADVANCES IN QUANTITATIVE LARYNGOLOGY, VOICE + SPEECH RESEARCH

MONTREAL NEUROLOGICAL INSTITUTE + HOSPITAL / Canada

Preconference Workshop: JUNE 2, 2019 Main Conference: JUNE 3-4, 2019



# **PAPERS ARE INVITED** IN THE FOLLOWING AREAS /

- → Acoustic, aerodynamic, imaging and kinematic measurements of vocal mechanisms
- > Computer modeling and simulation of vocal physiology and biology
- → Laryngeal biology, immunology and engineering
- → Machine learning and artificial intelligence in voice processing, recognition and synthesis
- → Neural control of phonation and singing
- → Tissue biomechanics of vocal folds and laryngeal musculature
- → Wearable devices, mobile apps and human-computer interaction for vocal health



# KEYNOTE SPEAKERS /

# ADELA BEN-YAKAR, PhD

Professor, Department of Mechanical Engineering and Biomedical Engineering, University of Texas at Austin, United States

### HANSPETER HERZEL, PhD

Professor, Institute for Theoretical Biology, Charité – Universitätsmedizin Berlin & Humboldt University of Berlin, Germany

## JENNIFER L. LONG, MD, PhD

Assistant Professor-in-Residence, Head & Neck Surgery, University of California Los Angeles, United States

## RUPAL PATEL, PhD, CCC-SLP

Professor, Department of Communication Sciences and Disorders & College of Computer & Information Science, Northeastern University, United States

### **ROBERT J. ZATORRE, PhD**

Professor, Department of Neurology and Neurosurgery, McGill University, Canada

# STUDENT ENTREPRENEUR COMPETITIONS

Business plan competitions for graduate students will be led by Prof. Rupal Patel, CEO of VocaliD Inc.

# RESEARCH GRANT OPPORTUNITY PANEL

## LANA SHEKIM, PhD

National Institutes of Health (NIH) Program Officer, National Institute on Deafness and Other Communication Disorders (NIDCD), United States

### SUSAN THIBEAULT, PhD, CCC-SLP

Professor, Department of Surgery, University of Wisconsin-Madison, United States

Director, University of Wisconsin Health Voice and Swallow Clinics

# EXHIBITION + SPONSORSHIP /

An exhibition of laryngological equipment and voice technologies will be featured. Exhibitors are invited to contact the organizer to book their space in the exhibiton area of the conference venue. Delegates will have easy access to the exhibition, poster boards, refreshments, and lunch in the exhibition area. Sponsorship opportunities are available.

Contact the organizer at:

aql2019-office.scsd@mcgill.ca

For more information, please visit:

www.aql2019.conference.mcgill.ca

# ORGANIZING COMMITTEE /

# CO-CHAIRS /

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Professor, Department of Mechanical Engineering, McGill University

### **NICOLE LI-JESSEN, PhD**

Assistant Professor, School of Communication Sciences and Disorders, McGill University

# LOCAL COMMITTEE MEMBERS /

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### INGRID VERDUYCKT, PhD

Department of Speech and Language Pathology, Université de Montréal











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