# Postdoctoral position in artificial intelligence for immersive audio compression at the Université de Sherbrooke

Record number : OPR-1047

## Overview

**RESEARCH DIRECTION**

Éric Plourde, Professeur - Department of Electrical and Computer Engineering

**INFORMATION**

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**RESEARCH CO-DIRECTION**

Roch Lefebvre, Professeur - Department of Electrical and Computer Engineering

**INFORMATION**

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**ADMINISTRATIVE UNIT(S)**

Faculté de génie
Département de génie électrique et de génie informatique

**LEVEL(S)**

Stage postdoctoral

**LOCATION(S)**

Campus de Sherbrooke

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## Project Description

The Faculty of engineering at Université de Sherbrooke, is searching for a driven, highly skilled individual to contribute, at the post-doc level, to a major 4-year R&D project aiming at developing new generations of audio coding for immersive applications over wireless networks. The work will be done in collaboration with world recognized industrial partner, VoiceAge Corporation, a leader in speech and audio standards.

Work will include two main responsibilities : 1) researching and developing new tools and functionalities for audio processing and coding for immersive and interactive applications, including the tools of artificial intelligence and advanced signal processing; 2) supervising graduate students and integrating their various contributions into a global solution.

The work environment will include graduate and non-graduate students, post-docs and several research professionals with a long and diverse experience in speech and audio compression as well as all aspects of standardisation activities.

Salary will be according to experience and demonstrated skills.

Requirements:
·     Ph.D. degree in electrical engineering, computer engineering, computer science or other related fields with experience in signal processing, audio compression, artificial intelligence and machine learning.
·     Proven publication record.
·     Excellent ability to communicate in English.

The Université de Sherbrooke is a French-speaking institution located in the province of Quebec, Canada, and the heart of an international research pole.  It is host to more than 30 000 students from over 100 different countries.

Interested candidates should send to Prof. Eric Plourde their CV, a summary of their most significant contributions including relevant publications, and the names and contact information of 2 references.

Contact: Eric Plourde, Eng., Ph.D., Université de Sherbrooke  (eric.plourde@usherbrooke.ca)

## Discipline(s) by sector

### Sciences naturelles et génie

Génie électrique et génie électronique

## Funding offered

Yes

$ 50 000 / year

## Partner(s)

VoiceAge

The last update was on 3 May 2024. The University reserves the right to modify its projects without notice.