



## Jérémie Voix on In-ear Wearable Technologies and Musical Applications

**Date:** Tue, 02/23/2016 - 5:00pm - 6:15pm

**Location:** CCRMA Seminar Room

**Event Type:** Hearing Seminar



Wearables are everywhere. But not in the ears (*yet*). The CRITIAS research team has been actively developing various in-ear technologies designed to complement the human ear, from “intelligent” protection for professional musicians, to advanced inter-individual communication systems, to otoacoustic emission (OAE) monitoring devices or in-ear EEG Brain Computer Interface (BCI). More fundamental research has also been conducted, particularly on the micro-harvesting of electrical power from inside the ear canal to power future auditory wearables. One recent development, the Auditory Research Platform, will be presented to the CCRMA community who may take benefit from its versatility and portability for immersive in-ear audio processing applications.

Jérémie Voix is Associate Professor at École de technologie supérieure (ÉTS) and holder of the Industrial Research Chair in In-Ear Technologies (CRITIAS).

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