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Roadmap to a "Bionic Ear"

Speaker: Jérémie Voix , Université du Québec

Date: Monday, May 19, 2014

Time: 3:00 PM to 4:00 PM

Refreshments: 2:45 PM

Location: 32-G882 Stata Center, Hewlett Room

Host: Jim Glass and Najim Dehak, MIT CSAIL

Contact: Marcia G. Davidson, 617-253-3049, marcia@csail.mit.edu

Relevant URL:

Reminders to: seminars@csail.mit.edu, sls-seminars@csail.mit.edu

Reminder Subject: TALK: Roadmap to a "Bionic Ear"

Jérémie Voix is Associate Professor at École de technologie supérieure (ÉTS) in Montréal and holder of the Sonomax-ÉTS Industrial Research Chair in In-Ear Technologies. Together with his team of researchers and students, he focuses on the development of various technologies designed to complement the human ear, from "intelligent" protection against extreme noise to hearing support and inset hearing diagnostics to the integration of advanced inter-individual communication systems. More fundamental research is also planned, particularly on the micro-harvesting of electrical energy using kinetic or thermodynamic processes integrated within a miniaturized in-ear device, in efforts to address future problems with regard to autonomy. One recent development, the Auditory Research Platform, will be presented to the CSAIL community who may take benefit from its versatility and portability for immersive in-ear audio processing for a wide range of applications from health monitoring to tactical communications.

More info available from: <http://critias.etsmtl.ca/jvoix>

This event is not part of a series.

Created by [Marcia G. Davidson](#) at Thursday, May 15, 2014 at 3:40 PM.