

# Sonic Transect: Questioning the territories of energy by sound

From comfort to ambiances in inhabited spaces

Taking part of the « Week of sound », an annual event that helps discovering the societal stakes of sound, CRESSON laboratory organises the 6th edition of its winterschool on sonic ambiances at the Graduate School of Architecture in Grenoble.

This one-week intensive training, aims to sensitize listening and the use of sound (recording, analyse, mix, simulation) as a matter of qualitative knowledge, representation and transformation of contemporary spaces.

## PROGRAMM

Each morning, lectures will expose the key concepts and methods to introduce the sonic dimension in the approach of landscape, urban spaces and architecture.

Afternoons are spent on the selected sites of study or in production room.

Programm & registration :  
[ehas.hypotheses.org](http://ehas.hypotheses.org)

Winterschool organized by  
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## THEME

Questioning the notion of comfort in the urban environment focuses attention on our relationship with the inhabited spaces. In this thematic school, the notion of comfort will be investigated in the so-called «innovative» districts targeting energy transition, as is the case of the Presqu'île in Grenoble. By identifying the various amenities of the territory, and by capturing what reveals the standardized comfort (seeking a homogenization of sensation) and what reveals the sensory comfort (searching, on the contrary, a variation of sensation), this will open a new reflection that questions the relationship between a sensory diagnosis capable of carrying prospective design intentions and an urban development model that is still evolving.

In order to approach this territory of energy and the notion of comfort by sound, the workshop proposes a pedestrian exploration along a predefined path (method of urban transect). Following principally the water network crossing the Presqu'île, the chosen itinerary traverse's underground spaces, riverbanks, spaces under construction and massively

monitored closed spaces such as "GreEn-ER". This primary immersive experience will enable participants to discover the distinctive sono-spatial typology of the site.

The approach proposed to the participants will be elaborated by a set of methods, both qualitative and quantitative, which will be regrouped in order to consider the notion of comfort in a wider perspective. After the experience in situ which helps distinguishing the different sonic characteristics of the site, participants are invited to manipulate sound dimension by means of various methods developed at Cresson-AAU: sound recordings, interviews, parametric sound modeling... This combining of immersive sensory dimensions with the subsequent phase of analysis and evaluation bridges the different manifestations of comfort and thus help developing a more holistic vision on this notion.