

Thursday
JULY 4,
2019
GRENOBLE
FRANCE

Claude Cadoz Master Class

« From sound synthesis
 to virtual instruments simulation : new concepts
 and practices for musical creation »

Thursday July 4th, 2019

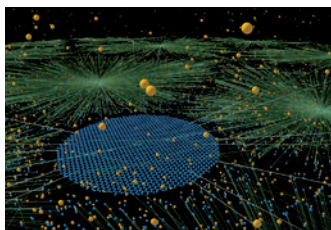


The GENESIS software environment offers a new way to create sounds, and design compositions by means of digital simulation of vibrating objects.

This method has been experimented for many years by many composers who have created magical worlds.

Claude Cadoz will present and explain several of his creations made with GENESIS and for the realization of which he has developed a wide variety of methods and processes.

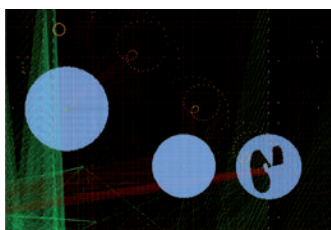
For each piece, it will perform an analysis of the creation and composition processes that can not be implemented today in any other digital music creation environment.



C. Cadoz, *Quetzalcoatl*, October, 2018

He will explain in detail some instrumental and musical solutions to create and to compose with GENESIS but especially also, how the proposed methods lead very often to incredible and marvelous discoveries, without any equivalent nowhere else.

So, the computer principles being inherently memory and sharing, we can observe, analyze, understand and learn together to reproduce, transform, combine such new materials. One can thus enjoy without limitation all that has been invented before, by oneself and by others, and continue the journey by composing and creating by oneself.



C. Cadoz, *Helios*, 2015

In this Master Class, it is about listening, seeing, touching new instrumental sounds that have been designed, and explaining, to the finest detail, how it works and how we do, and how we can imagine new ones.

So, the last musical piece « *Quetzalcoatl* » is more than a piece. It is an experimental musical world, which one can explore, continue to build and appropriate.

Content

Artistic approaches and exploration of the practices in musical creation and composition from the musical and visual artworks *Gaea*, *Helios* and *Quetzalcoatl*, by Claude Cadoz.

Listening and analysis of several artworks composed with the GENESIS software.

Attendees

Limited to 20 participants

Participants

The Master Class is open to all people, experts and non-experts, who wish to be informed and initiated on the creative processes in contemporary musical creations, which seek to reconnect with the physical properties of musical instruments and the richness of natural sounds in the computer and digital context.

Information

Annie Luciani

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Agenda

July 2019, Thursday 4th
9:30 to 12:30 and 14:00 to 17:00.

Venue

ACROE Studios,
Institut Polytechnique de Grenoble,
46 avenue Félix Viallet
38000 Grenoble, France

Fees

140 €

The fees do not include travel, meals and accommodation.

Registration

The registration form is available on-line at :
<http://www.acroe-ica.org/en/acroe/scientific-cultural-training/cultural-artistic-training>

or requested to :

Annie.Luciani@grenoble-inp.fr

To send back to:

ACROE, 46 av. Félix Viallet
38000 Grenoble

before 24th, June 2019

ACROE is a research and creation center on musical and visual arts. Since 1976, ACROE researchers and artists have developed innovative digital tools for musical and visual creation, such as GENESIS and MIMESIS softwares and gesture haptic systems. These tools allow everyone to build any virtual instrumental object and play it as if they were real.

CREATION WORKSHOPS

JULY 2019

- ▲ **Computer music and Sound Design Workshop** 1st, 2nd, 3rd and 4th of July 2019
- ▲ **Master Class CLAUDE CADOZ** « From sound synthesis to virtual instruments simulation : new concepts and practices for musical creation » **July 4th, 2019**
- ▲ **Computer animation Workshop** 1st, 2nd and 3rd of July 2019
- ▲ **Interactive and multisensory computer music Workshop** **July 5th, 2019**

ACROE, Association pour la Création et la Recherche sur les Outils d'Expression

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