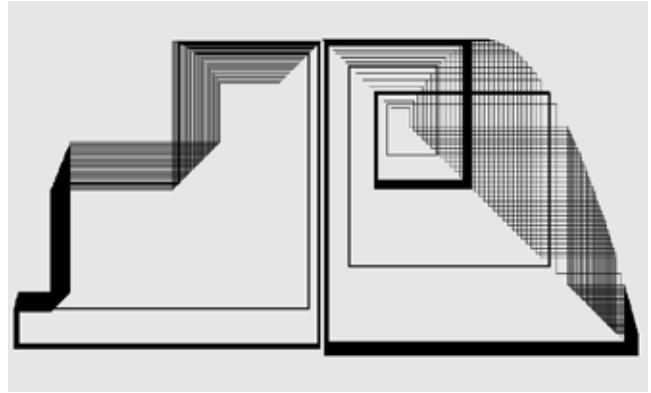


Between Chance and Repetition

Algorithmic Composition Workshop
with **Florian Grond**

December 2 – 4 – 16, 2008



Deux fonctions logistiques © F. Grond, 2006

In this workshop, participants will explore the multiple possibilities of simple algorithmic patterns in order to control all imaginable musical parameters, such as rhythm, pitch, harmony and spatial positioning of sounds. The starting point of this workshop will be a profound introduction to the simple iterative equation and most of the interesting dynamical patterns it brings forth, followed by a brief introduction to Ambisonic technology by Daniel Courville. With their musical, compositional and technological expertise, and imagination, participants will use those algorithmic patterns for interesting sound production and composition. At the end, the compositions will be listened on a multi channel speaker array.

PREREQUISITES

- Intermediate knowledge of digital audio
- Bring your own Mac computer with Max/MSP*, and sound board
- To attend every session of the workshop

* Other platforms are accepted but participants are then responsible of algorithmic implementation and Ambisonic issues.

SCHEDULE

Tuesday, December 2, 2008, 1-5pm

Introduction to algorithmically produced patterns and to software units

Thursday, December 4, 2008, 1-5pm

Individual and group discussions

Tuesday, December 16, 2008, 10am-5pm

Common listening to the compositions on multichannel set-up with Daniel Courville

COST & NUMBER OF PARTICIPANTS

\$ 50 per person; maximum of 12 participants

INSTRUCTOR

Florian Grond was born in Austria in 1975 and studied chemistry in Graz, Leicester and Tübingen. He works as a research associate at the ZKM (Center for the Art and Media in Karlsruhe), in science (non-linear dynamics, system theory) and media art. Since 2001, he has had several peer-reviewed journal publications and art installations. He exhibited in Austria, Canada, Denmark, Germany, Japan, Spain Switzerland and the USA. His recent project at the ZKM focuses on the field of scientific sonification, which is part of his PhD at Bielefeld University. <<http://www.grond.at/>>

SPECIAL GUEST

Daniel Courville is a lecturer in sound production and applied computer technology at UQAM's École des médias since 1990. He is a music producer and since 1988, has been interested in three-dimensional sound recording, processing and reproduction, particularly Ambisonic technology. Recently, he has investigated the integration of Ambisonic technology into sound production and post-production environments through the development of software tools used in linear and non-linear media. Daniel Courville holds a master's degree in communications from UQAM.

TEACHER'S ASSISTANT

Stéphane Claude is an electronic/electroacoustic musician and audio mastering engineer. His research is concerned with providing a conceptual framework for audio recordings and he also makes sound installations. He has produced soundtracks for various image, theatre and multimedia projects by other artists. Since 1992, he has been preoccupied with the presentation of electronic art by favoring the notion of 'active listening'. As an audio consultant, he has participated in the conception, production and integration of high-end surround sound and digital recording and mastering studios in Montreal and abroad.

REGISTRATION

Before Thursday November 27, 2008, at 5 pm

Please submit your registration request with your cv and indicate briefly your interest in this workshop to:

Annie Tremblay, Lab Services Coordinator

phone: 514 844-3250, ext. 230 fax: 514 847-0330
lab@oboro.net www.oboro.net

POLICY

Reservation / Payment

Reservations can be done by phone or email. Full payment must be made for registration to be valid. You can pay by credit card (Visa or MasterCard), cheque or cash. Registration to a workshop is not transferable.

Refund Policy

OBORO does not refund registration fees except in case of illness (with a medical note) or of absolute necessity. In such cases, inscription fees are transferable to another workshop or service offered by the New Media Lab.

Workshop Cancellation

OBORO reserves the right to cancel workshops at any time and without advance notice. In this case, registration fees are totally refunded.