## Systemic Improvisation Workshop

With Professor Per Anders Nilsson and Natural Artefacts

**3 de Outubro** 14h-17h Auditório do DeCA

**Systemic Improvisation** refers to a class of musical improvisation systems, wherein virtual interacting agents transform the musical interactions between players. It is a new kind of musical interaction/situation/work, and a continuation of previous research into technology-mediated musical creativity and performance. What we call systemic improvisation emerged as the most promising and interesting paths to follow in our continuing work, not least thanks to the very positive response from the participating musicians and the interesting musical results. In this project, we define an improvisation system as a system designed by someone, with a specific configuration of human agents (musicians) and virtual agents (interactive processes), and with communication going among all these agents, virtual and human. *Systemic Improvisation* is the activity of a number of musicians playing in such a system. It is also the term we have chosen for the whole category of musical works—a genre, if you wish. These improvisation systems work with all kinds of instruments, and the normal sound from the instrument is always heard acoustically, as in normal playing—it is not processed or hidden. The research project is led by professor Palle Dahlstedt, and the research group consists of Per Anders Nilsson, Tim Perkis, and Gino Robair and is supported by the Swedish Research Council.

In this seminar/workshop Prof. Nilsson will give a background and context to the project, which e.g. includes experimental and avant-gardist music traditions, free improvisation, game pieces in addition to directed and rule-based improvisations practices and conduction, and comprovisation as well. In the workshop, you are asked to bring musical instruments, and we will experiment with a simple mediating system, namely dice.

This workshop is supported by Academy of Music and Drama at The University of Gothenburg, and The Swedish Research Council





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