



FLUSSI MEDIA ARTS FESTIVAL

Custom toys – random sounds
Circuit bending workshop

LOCATION AND DATE

Teatro Comunale Carlo Gesualdo
Piazza Castello Avellino / Italy
August 28,29,30,31 2013

DURATION

The workshop will last 15 hours.

LECTURER

Alfonso D'Urso
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GOALS

The creativity in all its aspects and forms is generated (also) thanks to experimentation, as well as the same trial in turn is generated by creativity.

The main objective of the workshop is to bring the people involved in the world of sound and in particular to the art of sound. The practice of Circuit Bending is a great start to get into connection with the infinite possibilities of sound and musical experimentation.

In the second place, directly resulting from this, the aim is to open the mind to the possibility to create, and in this case sounds, with minimal knowledge of the environment in question. Appearance is not to be underestimated when it comes to approaching a new environment, and thus leads to the desire to deepen their knowledge.

As last, but not least, the transformation of one or more objects in a device with new functions, depending on the different visions and trials of each. The ultimate goal is thus the creation of a physical sound instrument, because basically we are people made of objects, and sounds remind us.

WEDNESDAY 28 SCHEDULE

h. 15.00 – 18.00

Introduction

- The conductive elements and the insulation elements;
- The electric circuit and its components;
- Alternating current and direct current;
- The measurement units;
- The types of circuit;
- The physical interfaces;
- Resistors, switches and sensors;
- The performance.

SATURDAY 31 SCHEDULE

h. 11.00 – 13.00, 15.00 - 17.00

Assembling new instrument

- Reassembly procedure;
- Drilling and finishing;
- Fixing of components;
- Audio tests;
- Final aesthetics;
- Performance.

THURSDAY 29 AND FRIDAY 30 SCHEDULE

h. 11.00 – 13.00, 15.00 – 17.00

Electronic practice

- Electronic welding: tutorials and practice
- Analysis of the object to short-circuit: the plaque and the internal circuit;
- Research and creation of sounds: the cable tester and the protoboard;
- Sound test: input jack and mixer test;
- Organization and design: sketches, output, test of sound.
- Selection and welding output: switches, knobs and sensors;
- Design exterior - the design of the new instrument sound: housing, position of output, aesthetics, functionality and practicality.

REQUIRED MATERIAL FOR WORKSHOP PARTICIPATION

One or more low voltage battery-powered sound, max. 12Volt, to be able to disassemble and in some cases destroy ...!

Ex: toy keyboards, sound toys, talking dolls, radios, walkmans, megaphones, sirens, and all that stuff, even recovery, which can be found in the house and having the batteries (ie both low voltage) and some sound function.

Equipment:

- Mini dremel drill, or mini precision drill;
- Welder;
- Wire Stripper;
- Cable tester;
- Precision pliers;
- Precision screwdrivers;

The equipment listed above are included, but limited in number. It is therefore advisable to use personal equipment where possible. All other materials and components needed for the workshop are provided to the participants.

INSRTUCTOR BYOGRAPHY

He was born in Avellino (Italy) and lives in Solofra. While he cultivated his passion for painting, is passionate about the audiovisual world and in 2008 he graduated in Communication Sciences at the University of Salerno, working during his academic career in audiovisual projects, especially during his time in southern Spain with the collective FTZ.

Scenic artist of different theatrical structures and freelance decorator, in 2009 he moved to Spain, this time in Valencia, where he worked for the contemporary art gallery LA NAVE taking care of the visual identity and organizing events and participation in national and international art fairs .

In the same year he took part in the fourth edition of the International Master in Visual Arts and Multimedia - New Technologies of Art, at the Universitat Politècnica de València, ending in 2011 with the exhibition project "Il Viaggio di una Vita – Scenografie transitorie della memoria" , awarded last March at the Festival Factory - MACRO museum in Rome.

In recent years deepens skills in animation, interaction and electronics applied to art, and comes into contact with the analog sound generation, experimenting and fusing the various techniques.

Divided by two great passions, in 2013 resumes communication, taking part in courses reportage and photo-reportage of inquiry at the school of social Agora, in Rome, where in the meantime he lives and works on set of web series and short films.

Since 2012 participates in festivals as a teacher, working with projects in the social formation of creative, writes about art and culture on various online publications, experiments and continues to breed.

He currently lives, designs and works in Solofra, Salerno and Barcelona.

COST AND REGISTRATION

The cost is 50 euros.

Registrations deadline: August 25, 2013.

For registration and information please luca@flussi.eu

For participants off-site are provided facilities at discounted prices.