



VoicErutseG
and
Integra Live hands-on.

Balandino Di Donato

Integra Lab
Birmingham Conservatoire
BCU - Birmingham City University

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Integra Lab

<http://integra.io/lab>

Integra Lab (<http://integra.io/lab>) is an interdisciplinary research lab, with a focus on musician-computer interaction. Our goal is to create new technologies that empower, inspire and delight musicians. Integra Lab provides a unique opportunity for researchers in interactive music technology, user-centred design and digital signal processing to enhance musical experience through direct collaboration with performers and composers.

Integra Lab was founded in 2009 to support the 3.1M€ EU-funded Integra project. Bringing together new music ensembles, research centres and higher music education institutions from eight European countries and Canada, Integra promoted the wider dissemination of live electronic music and provided composers, performers, teachers and students with the tools to interact with technology in a more user-friendly and musically meaningful way.

Balandino Di Donato

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Balandino is a full-time Ph.D. candidate at the Integra Lab - Birmingham Conservatoire. His research is focused on live sound spatialisation using live gestural control.

He started his musical studies at A. Casella Conservatoire of LAquila (Italy) in 2007. In the meantime, he was collaborating at the CRM - Centro Ricerche Musicali di Roma as artistic, informatics and technical assistant.

In 2013, he completed his undergraduate studies with a thesis regarding the development and use of applications for the Tangible User Interface Metis.

After his studies, he experienced an internship for seven months at the Integra Lab for the development of Integra Live, where later on he gained a position as Ph.D. Student.

Over the period 2014-2015, he attended actively IRCAM forum net (France), Frontiers Festival (UK), Moog Sound Lab Residency (UK), electroAQuistica (Italy) and Music Tech Fest (Sweden), where he has been selected for the Music Bricks project (part of the EU project Horizon 2020). Afterwards, Balandino has been selected for the ICAD15 Student ThinkThank (Austria), where he published a paper concerning the use of the Myo armband¹ within live electronics and Mixed Reality contexts.

One of his latest works is 'equinode', an interactive sound art installation exhibited at Vagiti Ultimi 2015.



¹<https://www.myo.com>

Pre-Concert Talk

The pre-concert talk will go through an overview of the Integra Lab's activities. More in detail, it will be discussed Balandino's work and what is behind VoicErutseG.

Baladino's ongoing research concerns the study of body movements played during a vocal music performance and their relationship with the musical result.

Out-coming understandings from such study, drive the development of the gSPAT. It is an interactive system able to track and map singers' movements into spatialisation parameters.

VoicErutseG

VoicErutseG is an interactive performance, which shows the early results of the research conducted by Balandino Di Donato at the Integra Lab.

In VoicErutseG the voice of the Soprano Vittoriana De Amicis is spatialised using the gSPAT, while she will be performing *Sequenza III* by Luciano Berio and *Stryspody* by Cathy Berberian.

More info can be found at the following link.

<http://www.balandinodidonato.com/publications-and-works/voicerutseg-v0-1/>

Vittoriana De Amicis

Vittoriana De Amicis was born in L'Aquila in 1992, at the age of fifteen she began her vocal studies at Conservatorio A.Casella with Antonella Cesari.

She attended masterclasses in Italy and abroad, in 2013 she was selected to take part to the Summer Academy with Horia Branisteanu at Mozarteum in Salzburg. In 2013 she received an Erasmus scholarship to attend Universität für Musik in Vienna studying with Anton Scharinger. In 2014 she graduated in singing summa cum laude at L'Aquila, at present she is studying in Rome with Elizabeth Norberg-Schultz.



She took part to several competitions: 1 prize - International Competition Domenico Sarro in Trani in 2011; in 2012 semifinalist at Maria Caniglia International Competition in Sulmona and at International Competition Ismaele Voltolini in Mantova. In 2013 she performed *Petite Messe Solenne* in Teramo and Tivoli. In 2014 in Vienna she debuted the role of Annika in *Brundibar* by H. Krása, performed at Austrian Parliament on the Remembrance Day, Susanna in *Le nozze di Figaro* at Schönbrunn Castle. In 2015 she has been invited at Frontiers Festival in Birmingham to perform contemporary music.

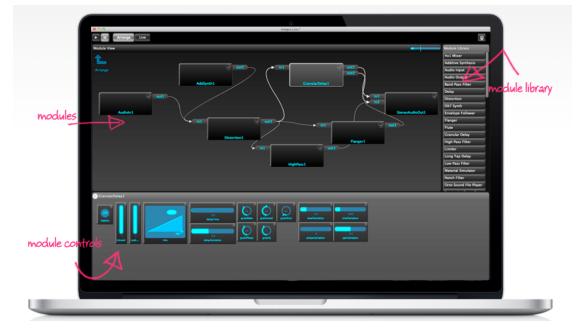
Integra Live hands-on

<http://www.integralive.org>

Integra Live features will be exposed through live demo. Composers, researchers and practitioners are invited to come along with their laptops, Integra Live projects, musical instruments, questions and ideas to realise over the hands-on.

Integra Live

Integra Live is an application that makes it easy to use interactive audio processing to create new music. The software was originally supported through the EU funded Integra Project, and is now developed by Integra Lab at Birmingham Conservatoire. The software has applications in education as well as professional artistic practice and opens up new possibilities for those seeking an entry point into interactive live electronics.



Integra Live has been built from the ground up using open source software and open standards. Our audio processing host runs in the Pure Data engine, communicating with the Integra server via Open Sound Control messaging. The graphical front end is written using the open source Apache Flex framework. Integra Live itself is freely available under the GNU GPL license with source code available on Sourceforge.

More info and demos:

- <http://www.integralive.org>
- <https://www.youtube.com/playlist?list=PLprdG1LGoRugBkSX2m7Uq4L1vFGp79VDK>
- <https://vimeo.com/channels/integralab>
- <https://vimeo.com/album/3313801>