

Programme

12:00 – 12:15PM

Welcome Session

12:15PM – 1:15 PM

Topology and matters

Presentation of residencies:

- ATLAS
- Reactive Matter
- SMARTS>SOS

ROUNDTABLE with residency teams moderated by **PASCAL KEISER** (Co-founder and director of French Tech Culture)

2:30 – 3:45 PM

Transcoding emotion

Presentation of residencies:

- Wind Avatar
- AMORE
- Magic Lining

ROUNDTABLE with residency teams moderated by **GREG BELLER** (Head of the department for Research/Creation Interfaces – IRCAM)

3:45 – 4:45 PM

Natural data

Presentation of residencies:

- Pollution explorers
- Dirt is not an option or my daily struggles with the hyperobject
- The plants sense

ROUNDTABLE with residency teams moderated by **NICOLAS HENCHOZ** (Director of EPFL+ECAL Lab)

5:30 – 6:30 PM

Announcement of the laureates of the second call for STARTS Residencies

6:30 – 8:00 PM

STARTS Roundtable: Art as a catalyst of new Innovation processes

INTRODUCTION

SERGE LASVIGNES

PRESIDENT OF THE CENTRE POMPIDOU

NICOLAS DEMASSIEUX

SENIOR VP ORANGE LABS RESEARCH

STÉPHANE DISTINGUIN

CHAIRMAN OF THE CAP DIGITAL TECHNOLOGY CLUSTER

RALPH DUM

EUROPEAN COMMISSION, STARTS PROGRAMME

GIANNINO MALOSS

FOUNDING PARTNER OF BLUMINE SRL. – WEARSUSTAIN STARTS PROJECT

VINCENT PEYREGNE

CEO OF WAN-IFRA

GERFRIED STOCKER

ARTISTIC DIRECTOR OF ARS ELECTRONICA

MODERATOR

HUGUES VINET

DIRECTOR, INNOVATION AND RESEARCH MEANS, IRCAM
COORDINATOR, VERTIGO STARTS PROJECT

MEMBERS OF VERTIGO STARTS RESIDENCIES CONSORTIUM

ARTSHARE (PT)
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (CH)
FRAUNHOFER GROUP INFORMATION
AND COMMUNICATION TECHNOLOGIES (DE)
FRENCH TECH CULTURE (FR)
INOVA+ (PT)
IRCAM (FR)
LIBELIUM (ES)

VERTIGO.STARTS@IRCAM.FR
WWW.STARTS.EU/RESIDENCIES

#STARTSEU

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With the support of the European Commission's DG Connect in the framework of STARTS initiative, Science Technology and the ARTS.



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ART/SCIENCE
COLLABORATION IN EUROPE:
ART AS A DRIVER FOR
TECHNOLOGICAL INNOVATION

STARTS RESIDENCIES DAY June 15, 2018

12-8pm
CENTRE POMPIDOU,
PETITE SALLE



STARTS Residencies Day

STARTS

STARTS (Science, Technology, and the ARTS) Initiative, launched by the European Commission – DG CONNECT – promotes the inclusion of artists in innovation projects funded in H2020. It aims to remove the boundaries between art and engineering to stimulate creativity and innovation.

STARTS Residencies

STARTS Residencies is one of the STARTS Pillars. This programme is to support and fund between 2017 and 2020, 45 artistic residencies that bring original artistic contributions to technology-based research projects. During each STARTS Residency, a tech project collaborates with an artist, leading to the creation of an original artwork, and to the development of the innovative aspects of the tech research. A grant (up to 30,000€) is awarded to the artist of each STARTS Residency as a contribution to her/his involvement in the residencies programme. Additional support to the residency can also be brought by a producer.

STARTS Residencies Day

The STARTS Residencies Day aims to present the first results of this artistic residency programme presented by the artists and researchers involved. At the end of the day the laureates of the 2018 call are to be announced and the current issues surrounding STARTS discussed with the heads of institutions and communities involved.

Mutations / Creations and the Vertigo Forum

The STARTS Residencies Day is organized as part of the Vertigo Forum, a series of symposia and societal debates on art-science relationships at Centre Pompidou from June 13th to 16th on the theme “Coding/decoding the world” together with the public opening of the exhibitions “Coder le monde” and “Ryoji Ikeda | Continuum” which constitute the 2018 edition of Mutations / Creations, a joint yearly event by Centre Pompidou and IRCAM.



From 1 to 6 pm discover
SMART>SOS artwork in Studio 5 (IRCAM)
and **ATLAS artwork in Shannon (IRCAM)**

2017 – 2018 Residencies

10 RESIDENCIES
RESULTED FROM THE FIRST
CALL FOR PROJECTS AND ARTISTS



BIO4COMP X TIM OTTO ROTH SMART>SOS

SMART>SOS is a video and sound installation revealing a new paradigm of computation: a living calculation process on a sub-sub-microbiological level. On the floor the visitor watches the projection of flower like pattern of blue channels with white “worm” like molecules – the so called “microtubules” moving in. Over the projection hangs a ring of thirty loudspeakers reacting on the activity in the projected video from the microscope.

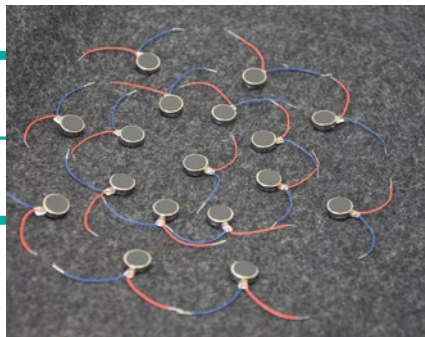
RESIDENCY SEPT, 2017 > APRIL, 2018 – LUND, SWEDEN
The artwork is exhibited at IRCAM (Shannon Room), open to the public from 1pm to 6pm.



WEKIT X DEVAL & LOSSEAU ATLAS

ATLAS is a work between digital arts and visual arts, under the form of an interactive exhibition – a mix between real models and an interactive virtual world. After being plunge in an archipelago of poetical islands, spectators are invited to build virtual cities. For that, they have a “seed launcher”. The growing houses follows some urbanistic rules, they adapt to their environment. The work aims to provoke a reflexion on the topics of urbanism, architecture, and their influence on our lifestyles.

RESIDENCY DEC, 2017 > NOV, 2018
GREAT BRITAIN
The artwork is exhibited at IRCAM (Shannon Room), open to the public from 1pm to 6pm.



MAGIC SHOES X KRISTI KUUSK

MAGIC LINING

Magic Lining builds on the insights from MAGICSHOES project and proposes a garment that allows the wearers to feel as if their body was made of a different material. In the intersection of neuroscience research on mental body-representation, human-computer interaction and real-life smart textile applications, the project asks questions about the meaning of clothing.

RESIDENCY NOV, 2017 > AUG, 2018
SPAIN

DANCE X HASEEB AHMED WIND AVATAR

Working with the Brain and Emotion Lab, the project “Wind Avatar” directly links a person to the wind. Body movements express emotion in subtle and highly coded ways. The practices of dance stabilize the expression of emotion into patterns of movement. The Wind Avatar creates a direct relationship between these patterns of expressive body movement in dance and turbulence patterns in the wind and allow a person to literally inhabit the wind and its freedom.

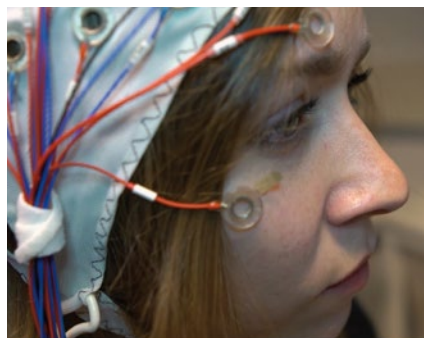
RESIDENCY SEPT, 2017 > SEPT, 2018
BELGIUM



FLORA ROBOTICA X MARIA CASTELLANOS & ALBERTO VALVERD THE PLANTS SENSE

Plants are living organisms present across the planet. However, we don’t hear them, communicate with them, or understand them. But science and technology bring us the tools to make this communication possible. “The Plants Sense» is a project focused on human-plant-robot interactions. The team develops a plant-human interface, able to feel the plants senses in humans and a wearable device that allow people to connect with plants and forge new human-plants bonds.

RESIDENCY SEPT, 2017 > JULY, 2018
GERMANY



PROGRAMMABLE MATTER X “SCENOCOSME : GREGORY LASSERRE & ANAIS MET DEN ANCXT” REACTIVE MATTER

The artists explore the symbolic surface of the skin, its porosity and its various interactions with the environment where the technology is more and more present. They suggest links between natural elements and objects with virtual sounds, lights or images. What kind of poetic and symbolic relationship the electronic clay can create?

RESIDENCY MARCH, 2018 > DEC, 2019
FRANCE

CREATE-IOT X SO KANNO THE IDEAL SHOWROOM OF IOT

Computers are becoming invisible and possible to embed in most of everyday object without visual awareness. “The ideal showroom of IoT” is a two-part composition. The room is made with state-of-the-art technology. And the system tries to capture information from participant as much as possible. With this installation, participant will experience both of observed and observing side.

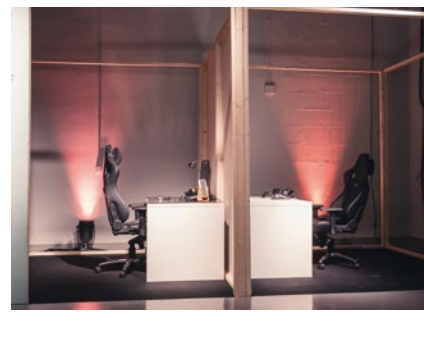
RESIDENCY JAN, 2018 > DEC, 2018
NORWAY



HACKAIR X LING TAN POLLUTION EXPLORERS

Pollution Explorers is a participatory project co-created with the hackAIR community to help citizens make sense of the complex issues around air pollution. Made up of a series of kit-of-parts experimental wearable devices that incorporate hackAIR sensors and body gesture technology, it enables users to contribute data to the hackAIR community through measuring situated air quality and at the same time, record their subjective perception of the quality of air in their environment.

RESIDENCY OCT, 2017 > NOV, 2018
GREECE



GROW X KASIA MOLGA DIRT IS NOT AN OPTION OR MY DAILY STRUGGLES WITH THE HYPEROBJECT

“Dirt is not an option or my daily struggles with the hyperobject” is a selection of audio/visual devices created by Kasia Molga in collaboration with sound artist Robin Rimbaud Scanner. The data that comes from the soil and from the satellites inform the artwork. Various parameters such as moisture, ph, presence of specific organisms or minerals are main actors in this piece, translated and interpreted by machine learning algorithms making decision about animation of the lights and composition of the soundscape.

RESIDENCY NOV, 2017 > OCT, 2018
SCOTLAND



AMORE X THEO BLUEPRINTS FOR AN EMERGENT PERSONALITY

Theo approaches the AMORE computational system as an infant consciousness developing its cognitive abilities. Theo translates the responses of the system into data points and emotive sketches suggested by these slippages. The artist then presents this data to child psychology and development specialists in order to build a picture of the personality behind them and finally construct images of a mature and embodied self.

RESIDENCY MARCH, 2017 > DEC, 2018
SPAIN

#3 CALL FOR STARTS Residencies

Tech Project

apply before
October 31, 2018

Artist

apply between
September 7, 2018
and November 19, 2018

Producer

apply before
November 19, 2018

More information on starts.eu/residencies