

infinite place of art
culture and
innovation
direction
José-Manuel Gonçalves

Innovation
Febr. 29th and
March 1st

**CENT
QUATRE
#104 PARIS**

**STARTS
Residencies**

Discover technological
research projects
through the prism of art!

Open Factory #5

Meet the cultural and creative
entrepreneurs of 104factory,
come and test their innovative
devices!



S+T+ARTS
RESIDENCIES



VILLE DE
PARIS

104.fr





STARTS Residencies

Saturday February 29th and Sunday March 1st

This event marks the outcome of three years of the STARTS Residencies European programme as part of the S+T+ARTS* initiative. It presents in multiple forms an experiment at an unprecedented scale: how can art contribute to technological innovation? 45 artists have been selected to produce a work in close collaboration with a research project or an innovative company. Taking advantage of some of the most advanced technologies, art creates a bridge with humans and society by offering a sensitive, participatory and critical experience.

Hugues Vinet,
Director Innovation, IRCAM
Coordinator of STARTS Residencies

*What is S+T+ARTS?

The S+T+ARTS (Science, Technology and the ARTS) initiative, supported by the European Commission - DG CONNECT - promotes the role of artists in technological innovation projects. It aims to remove the boundaries between art and engineering to stimulate creativity and innovation.

starts.eu/residencies



Open Factory #5

Saturday February 29th

Meet the cultural and creative entrepreneurs of 104factory and test their innovative devices!

On the occasion of the 5th edition of Open Factory, 104factory, the incubator of cultural and creative startups of CENTQUATRE-PARIS joins IRCAM to make this moment a great festive meeting around art, science and innovation!

In the heart of our infinite place of art, culture and innovation, you will discover the products and services of our talented entrepreneurs. From music to games, design and immersive realities, come and live experiences that combine technological innovation and the sensitivity of artistic and cultural approaches.

José-Manuel Gonçalves,
Director of CENTQUATRE-PARIS

104factory.fr



STARTS Residencies

Saturday, February 29 and Sunday, March 1st
4 Tracks, 4 Themes

Challenging the matter

Knitting DNA, creating a ballet of drops in levitation, printing organs in 3D, making an atom visible to the naked eye, navigating in nanomaterial, these examples illustrate the richness of the meeting of art and fundamental science. While defying the laws of physics and life, the artists and researchers open doors to the infinitely small and the infinitely large.

Booth [Nef Curial]
**OS.WAAM (wire arc
additive manufacturing)**
Sebastien Wierinck
x Print Pioneers
(B.I.G Group)

Inside-Out
Carolin Vogler
x ChromDesign

Embryonic
Valeria Abendroth
x 3D Prime

Suspended Moment
Dominique Peysson
x LEVITATE

Exhibition [Atelier 6]
Hilbert Hotel
Evelina Domnitch
& Dmitry Gelfand
x 5th Physics Institute
& the EU Quantum
Flagship

**Reactive Matter
Scenocosme**
Grégory Lasserre
& Anais met den Ancxt
x Programmable Matter

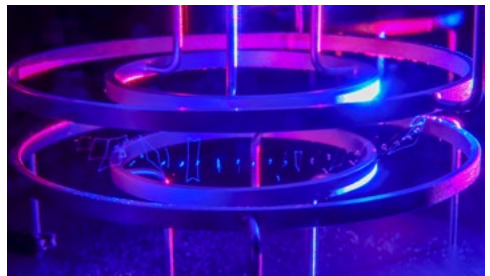
Biobot/Insider
Zoran Srdić x Kambič

**Performing arts
[SALLE 200]**
Sci-fi Miners
João Martinho Moura
x CritCat

Projections [Salle 200]
Always Dead and Alive
Theresa Schubert
x Immersify

**Rondtables
[Atelier 7]**
Light matters project
Stéfane Perraud x HOT

Alfred
Collectif TOAST
x DEAN Project





Ecological explorations

Participate in the residency teams' ecological exploration and discover how to control water pollution and monitor soil fertility, build a self-sustained beehive, assess our carbon footprint and create street furniture from recycled plastics. Additionally, explore unknown territories such as the planet Mars. The variety of artistic approaches reveals the importance of environmental issues.

Booth [Nef Curial]

O.R.S

HeHe x NANO2WATER

The Crowd Plastic Waste Printing Project

The New Raw x PTwist

Exhibition [Atelier 6]

L'Origine du Monde

AnneMarie Maes

x Hybrid Forms Laboratory

Continuum

Félicie d'Estienne d'Orves

x Eyes on Mars

Projections [Salle 200]

Becoming.eco(logical)

Miha Tursiç

& Spela Petrič

x ARCTUR

By the code of soil

Kasia Molga

& Robin Rimbaud

x GROW Observatory





STARTS Residencies

Saturday, February 29 and Sunday, March 1st

Social experiments

Artists and researchers use and question the latest scientific and technological advances to reinvent human relationships and bring people together. They invite you to think collectively about data protection issues, understand data exchanges, study the role of sound in hospitals and participate in collective and interactive performances.

Booth [Nef Curial]
Sleep in the City
Walid Breidi
& Virgile Novarina
x Aarhus City Lab

Invisible Agency
Stanza x ArtAntenna

Muted
Christophe Monchain
x CONTENT4ALL

**Artificial Intelligence
and its false lies**
Mika Satomi x CONFIRM
Research Center

Performing arts
[SALLE 200]
Constella(c)tions
Michelle Agnès Magalhaes
x BeCoMe Project, Ircam

Beyond Absolute
Reiko Yamada x LUCA

Workshops [Atelier 7]
Smoking Gun
Rachel Briscoe
x Data Stories

**Data Union Fork, tools
for data strike**
Larisa Blazic x DECODE

Rondtables
[Atelier 7]
Random Beauty
Ali Tocher & Joe Acheson
x Sound for Coma





Augmented experiences

An opera assisted by an artificial intelligence, antique sculptures generated by data analysis, a piece of Boris Vian in 360°, poetic experiments in virtual reality or with robots... Artistic creativity pushes modeling technologies to their limits.

Booth [Nef Curial]
Content Aware Studies
Egor Kraft x Data Pitch

Transhuman Expression
Liat Grayver x WeDRAW

Cyberspecies proximity
Ana Dumitriu & Alex May
x Human Robot Co-Mobility

Sensorium Audio Theatre
Rafal Zapal x FutureLab

Performing arts
[SALLE 200]
Still
Natan Sinigaglia x vvvv

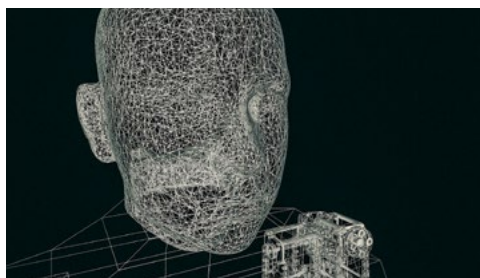
Constellation of the flesh
Choy Ka Fai
x Moving Digits

Rondtables
[Atelier 7]
L'Ecume des Jours
Julie Desmet Weaver
x Black Euphoria / LE CUBE

Le Baptême
Laurent Bazin
x Gengiskhan Production

Cosmologies of the Concert Grand Piano
Aaron Einbond
x O#/om-spat

AIBO
Ellen Pearlman
x GOPROSOCIAL





Open Factory #5

Saturday, February 29

Come meet the startups on their stand !

Develop new immersive experiences

Tamanoir Studio

Creative studio dedicated to immersive storytelling combining the performing arts with new technologies.

Tamanoir is marked by the multidisciplinary of its founders: Rémi is a former dancer and worked in film production, when Samuel got his start in theater and in video games at the Gobelins. It is their curiosity that drives them to create creations at the crossroads of all the arts.

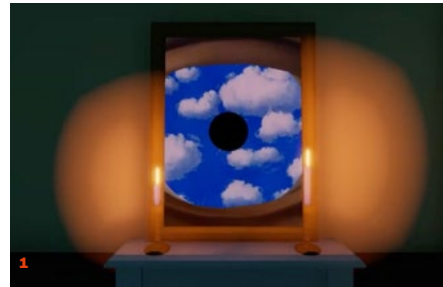
tamanoir.co

Diversion cinema

Virtual Reality spaces creators & immersive experiences distributors.

Diversion cinema has been experimenting with Virtual Reality (VR) since 2016 while welcoming visitors into its VR theater every Saturday. In 2018, Diversion cinema opens a distribution department to promote immersive experiences internationally. As a partner to the world's most prestigious festivals, Diversion cinema has developed an expertise in VR space creation, including technical tests to mediation, technical support to scenography, logistics and more.

diversioncinema.com



Digital Rise

Technological storyliving producer.

Digital Rise produces innovative entertainments involving new image and sound technologies. They create unique immersive experiences of high artistic and technical quality intended for the general audience. Their works use different formats: immersive theater, virtual and augmented realities, linear or interactive, in small- or large-scale spaces.

digital-rise.com

Double Jack

Conduct masterpieces like a true Maestro !

Double Jack develops Maestro, a conductor game that, like Guitar Hero, allows anyone to learn how to conduct an orchestra, and conduct classical masterpieces and large soundtracks in using real management technique like real Maestros.

doublejack.io

Timescope

Virtual reality at the service of your heritage

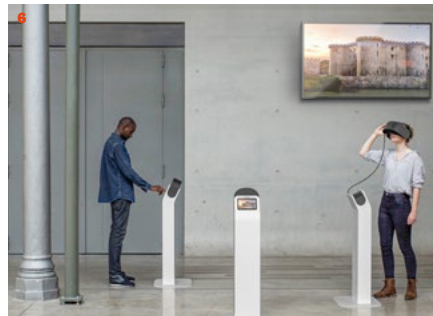
Timescope puts virtual reality and augmented reality at the service of public spaces. Their 360° expertise ranges from the design of tailor-made immersive experiences to the development of devices for in-situ distribution, such as the self-service virtual reality device Timescope One and Timescope Mini.

timescope.com

1. Tamanoir Studio
2. © Stéphanie Cornfield
3. Diversion cinema
4. Digital Rise
5. Double Jack
6. Timescope



5



Create innovative objects in France

Uwti

The first "Serious game" combining traditional and digital games to recruit, federate and innovate differently in business.

For Human Resources and managers, UWTI allows you to exercise tomorrow's key skills in groups or individually: solving complex problems, agility, creativity, collaboration. Without screen and composed of interactive and luminous bricks, UWTI is a magic tool which is similar to a construction game augmented by digital. Come and test a differentiating and innovative tool, already acclaimed by many professionals!

uwti.fr



Nemmès

You are creative!

At Nemmès, they are convinced that tomorrow's products will be directly created by the customers! They empower everyone in designing their own jewels online. Then, they give life to it locally thanks to technology and craftsmanship!

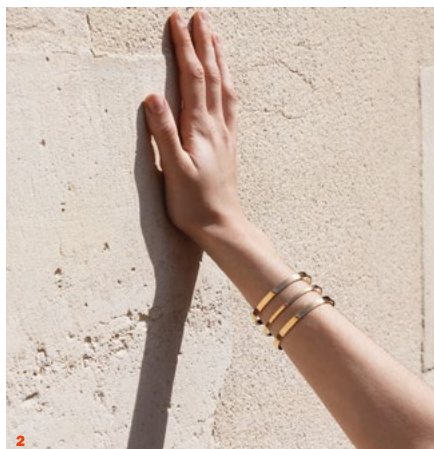
nemmes.com

Le Pavé Parisien

Le Pavé designs and manufactures speakers that can be repaired for life!

Le Pavé Bluetooth speaker is based on a high-performance concrete structure, in order to produce a very precise sound that best reproduces each artistic intention. Aware of climate change, each object designed by Le Pavé is eco-designed. Each part can be replaced independently, each module is scalable and can improve over time. In this way, the life of the speakers is endless.

lepaveparisien.com



1. Uwti
2. Nemmès
3. Le Pavé Parisien

Connect and develop culture

LiveTonight

Live music differently, live it live!

LiveTonight is a platform that enables everyone to easily book musicians. May it be for your wedding, your birthday or a corporate party,... LiveTonight's team advises you and provides custom support to make sure that you find your dream band anywhere in France. Enjoy your event peacefully: all the musicians are selected by their expert team and all the paperwork is taken care of!

livetonight.fr

Vidi Guides

Discover more!

Vidi Guides is an app that provides audio-guided tours and experiences for millennial travellers. Vidi Guides allows tourists to discover cities and cultural sites independently, with access to high quality and engaging content. Forget what you know about boring traditional audio-guides, these tours are fun, off the beaten track, and are benchmarked on top podcasts. Vidi Guides has experiences live in Paris and London, and they are rolling out into new European destinations in 2020.

vidiguides.com

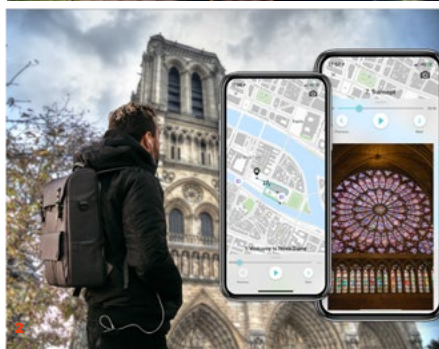
Pablo

With Pablo, find the exhibition you want has never been easier!

Pablo is the ideal mobile application to discover all the current and upcoming exhibitions. Created by UPintown, a young cultural startup, it brings together all the services related to discovering and visiting exhibitions. Free and without registration, it allows you to be alerted, choose an exhibition, buy tickets online and share your favourite exhibitions, according to your tastes and desires. Available in French and English, Pablo facilitates access to the exhibitions in a few clicks.

pablo-app.com

1. LiveTonight
2. Vidi Guides
3. Pablo





Events

Performing arts and projections [Salle 200]

Saturday, February 29

- 2pm** **Beyond Absolute**
by Reiko Yamada in
collaboration with the LUCA
project, avec Ilona Schneider
(soprano)
- 2:30pm** **Constellation of the Flesh**
by Mária Júdová
and Choy Ka Fai
in collaboration with
Moving Digits project
- 3:30pm** **Always Dead and Alive**
by Theresa Schubert
in collaboration
with Immersify
- 3:50pm** **By the Code of Soil**
by Kasia Molga
and Robin Rimbaud
in collaboration with
the GRÖW Observatory
- 4:10pm** **Becoming.eco(logical)** by
Miha Tursič & Spela Petrič
in collaboration with
ARCTUR
- 5:30pm** **Sci-Fi Miners**
by João Martinho Moura
in collaboration with
the CritCat Project (INL)
- 6pm** **Still** by Natan Sinigaglia
in collaboration with vvvv
- 6:30pm** **Constella(c)tions**
by Michelle Agnès
Magalhaes in collaboration
with the BeCoMe Project,
Ircam

Sunday, March 1st

- 2:30pm** **Beyond Absolute**
by Reiko Yamada in
collaboration with the LUCA
project, avec Ilona Schneider
(soprano)
- 3pm** **Constellation of the Flesh**
by Mária Júdová
and Choy Ka Fai
in collaboration with
Moving Digits project
- 4pm** **Always Dead and Alive**
by Theresa Schubert
in collaboration
with Immersify
- 4:15pm** **By the Code of Soil**
by Kasia Molga
and Robin Rimbaud
in collaboration with
the GRÖW Observatory
- 4:30pm** **Becoming.eco(logical)**
by Miha Tursič
& Spela Petrič
in collaboration with
ARCTUR
- 5:30pm** **Sci-Fi Miners**
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Exhibition : Life and Matter [Atelier 6]

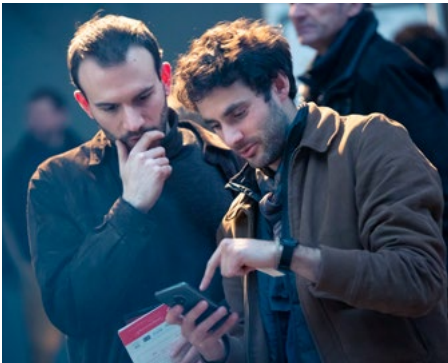
**Saturday, February 29
and Sunday, March 1st**

From the feeling of a sunset on Mars to the living tissues of a biological robot, come and discover how art poetically tackles the contemporary questions of life and matter.

Booths [Nef Curial]

**Saturday, February 29
and Sunday, March 1st**

Discover the stories, ideas and prototypes of 16 STARTS Residencies and 11 startups from 104factory. Discuss with artists and researchers and discover artistic forms that enlighten and question the most advanced technologies.



Workshops and roundtables [Atelier 7] Saturday, February 29

2pm - 3:30pm

**An introduction to Art, Tech and Science collaborations
STARTS Residencies Days Opening roundtable [in french]**

How can art enlighten and question the most advanced technologies? With the participation of artists and scientists in residency, the panel will introduce the goals and challenges of those innovative collaborations.

With :

- Rémy Braive (researcher - Light Matters Project)
- Félicie d'Estiennes d'Orves (artist - Continuum)
- Aaron Einbond (artist - Cosmologies of the Concert Grand Piano)
- Stéphane Perraud (artist - Light Matters Project)

Moderated by Hugues Vinet (coordinator of STARTS Residencies)

4pm - 5:30pm

**How to immerse ourselves in other realities?
New experiments for new stories [in french]**

With :

- Tamanoir Studio
- Diversion cinema
- Digital Rise
- Double Jack
- Timescope
- Laurent Bazin (artist - Le Baptême)
- Julie Desmet Weaver (artist - Froth of the Daydream)

6pm - 7pm

How to live new experiences thanks to innovative cultural platforms. Presentation of 3 solutions that you soon won't be able to do without: Vidi Guides, Pablo and Live Tonight! [in french]



Workshops and roundtables [Atelier 7]

Sunday, March 1st

2pm - 3pm

Workshop - Smoking Gun

By fanSHEN in collaboration with the Data Stories Project

A thriller which unfolds via your phone, placing you at the heart of a potential whistleblower scandal. You solve puzzles, scrutinize videos, follow clues, chat about it online with other players. But as your investigations take you deeper, it's hard to know who and what to trust...

3:15pm - 4:30pm

Art and medicine

How artists' vision of medical challenges linked to scientists' knowledge can contribute to advances in medicine?

Part of artistic residencies in the medical fields, the speakers will present their projects melting art, medicine and technology and explain the specificities of such collaborations.

With :

- **Valeria Abendroth** (artist, Embryonic)
- **Joe Acheson** (artist, Random Beauty)
- **Jean-Julien Aucouturier** (researcher, Random Beauty)
- **Ali Tocher** (artist, Random Beauty)
- **Reiko Yamada** (artist, Beyond Absolute)

Moderated by Ana Solange Leal
(Area Manager, Inova + international)

4:45pm - 5:45pm

Workshop - Data Union Fork

By Larisa Blazic in collaboration with the DECODE Project

What if citizens could go on a digital strike? Willing to reflect on the notion of collective bargaining? Discover the collective mobilisation installation in the booth area, connect to it and take part in this workshop.

6pm - 7pm

Reflecting on technologies STARTS Residencies Days Closing roundtable

In art, science and technology collaborations artists take a fresh look at technologies, helping scientists to use their knowledge and devices differently. They also raise new questions on technologies' sustainability and ethic.

With :

- **Larisa Blazic** (artist, Data Union Fork)
- **Félix Cote** (artist, Alfred)
- **Benjamin Muzart** (artist, Alfred)
- **Ellen Pearlman** (artist, AIBO)

Moderated by Nicolas Henchoz
(Director, EPFL+ECAL LAB)



Schedule

- Performing arts
- Projection
- Rondtable
- Workshop
- Booth
- Exhibition

Saturday, February 29



Sunday, March 1st



**5 rue Curial
(incubateur entrance)
75019 Paris**

**by Tube Riquet (7)
Stalingrad (2 et 5)
Marx Dormoy (12)
RER Rosa Parks (E)**

**01 53 35 51 27
incubateur@104.fr
104factory.fr**

