

FORUM IRCAM

International meeting for
sound innovation



Workshops | Conferences | Demos
| Installations | Concerts

March 26 to 28, 2025 | forum.ircam.fr

IRCAM Forum Workshops



ircam Centre Pompidou



RAVE
3th anniversary
for Forum Ircam 30th anniversary
Ariel Chemtita - Romeu-Santos

FORUM WORKSHOPS TEAM

Paola Palumbo - Forum Event Manager

Hugues Vinet - Director of Innovation and Research Resources

Greg Beller - Product Manager

Karim Haddad - Technical Support Manager

Karin Laenen - Sales & Marketing Executive

Guillaume Piccarreta - Web Developer

Pierre Provence -Event Assistant

Production : Jonathan Durand, Eric de Gélis, Jérémie Henrot, Nicolas Poulet, Grégoire Lavaud, Jean-Jacques Mondoloni, Bastien Sabarros

In partnership with : **Continuucon.**

Supported by : CNM, ALEA,
sonicLab, HAKEN AUDIO

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CONTINUUCON



sonicLAB



HAKEN AUDIO

IRCAM Forum Workshops



IRCAM FORUM WORKSHOPS

The Ircam Forum is a unique place where artists and scientists, technologies and imaginary worlds come together.

You will have the opportunity to meet IRCAM's R&D teams, to meet users, demonstrate your software, show your artistic project, take part in all the programming and organise workshops in small groups.

The Ircam Forum creates a space for developing a sustainable and collaborative community. It becomes a social event for users from all over the world and of all generations.

This year will host sessions from the international ContinuuCon conference and the SynthFest.

Next Forum Ircam Hors les murs will be in Riga-Liepaja and Taipei 2025.

WEDNESDAY, MARCH 26TH PROGRAM - IRCAM

SALLE STRAVINSKY - *Conferences*

- 09h30 - 10h00 *Introduction Forum*
Hugues Vinet, Paola Palumbo
- 10h00 - 10h30 *News AnaSynth team*
Axel Roebel
- 10h35 - 11h05 *News ASAP and Partiels software*
Pierre Guillot
- 11h05 - 11h20 BREAK
- 11h20 - 11h50 *News S3AM Team*
Robert Piechaud, Charles Picasso, Christophe Desquennes, Thomas Helie
- 11h55 - 12h25 *News ISMM Team*
Frédéric Bevilacqua
- 12h30 - 13h15 *News OpenMusic*
Karim Haddad, Steven Socha
- 13h15 - 14h30 LUNCH BREAK
- 14h30 - 15h00 *Presentation RAVE, AFTER and IA générative*
Philippe Esling
- 15h05 - 15h35 *Expressive neural synthesis using diffusion models*
Nils Demerle
- 15h40 - 16h10 *Presentation DAFNE+ - Latest advances*
Hugues Vinet, Greg Beller
- 16h10 - 16h30 BREAK
- 16h30 - 17h00 *R-IoT : wireless OSC IMU sensors - Progress Report*
Emmanuel Fléty, Marc Sirguy (EoWave)
- 17h05 - 17h35 *SPD group - About tools for sound design (SPD team)*
Nicolas Misdariis
- 17h40 - 18h10 *Presentation of "Promenade Sonore: Vent, Soleil, Pluie"*
Nadine Schütz

WEDNESDAY, MARCH 26TH PROGRAM - IRCAM

SALLE SHANNON

14h30 - 16h00 Musikmaschine
Astrid Drechsler (University of Graz)

STUDIO 2

14h00 - 18h00 REACHing Space SESSION Co-Creative Soundscapes :
Spatial Awareness and Influence in Somax2 +
Somax2Collider presentation
M. Fiorini, A. Gatti, J.M. Fernandez

STUDIO 5

Sessions

11h00 - 11h15

11h30 - 11h45

12h00 - 12h15

12h30 - 12h45

13h00 - 13h30

Plane of Emergence - Spatial Diffusion Systems
Jan Ove Hennig

14h30 - 15h00

Emerald Ash
Terri Hron

Session SonicLAB

16h00 - 16h45

- Presentation

16h45 - 17h30

- Current directions in computer music software
development at SonicLAB
Sinan Bokesoy

STUDIO 4

11h00 - 18h00

Re-sounding Bodies Artistic residency - release
Alberto Gatti

GALERIE

10h00 - 18h00

Paint a Raga
Nikita Raina

THURSDAY, MARCH 27TH PROGRAM - IRCAM

STRAVINSKY - Conferences

- 10h00 - 10h30 News EAC Team
T.Carpentier
- 10h35 - 11h05 Acoustic objects : Creating and distributing Personal Immersive Audio Experience
Jean-Marc Jot
- 11h05 - 11h20 BREAK
- 11h20 - 11h50 Public Intimacy
Sylvain Souklaye
- 11h55 - 12h25 Web-based educational spatial audio system and interfaces for Boulez' Dialogue de l'ombre double
Alex Ruthmann
- 12h30 - 13h00 Elements of technique and language for performing and composing with the digital musical instrument Karlax
Brice Gatinet, Benjamin Lavastre
- 13h00 - 14h00 LUNCH BREAK
- 14h00 - 14h30 GranShaper synth / New strategies of granular synthesis and derivative types of sound synthesis : granular "vocoder" / "waveshaping" and "shape-morphing"
Nikolai Khrust
- 14h35 - 15h05 "Rosebud" Working with motion sensor data in audio and video post-production
Matthias Krüger
- 15h10 - 15h40 EaganMatrix Compiler : Automated Assembly Code Optimization
Cameron Fuller
- 15h40 - 16h00 BREAK
- 16h00 - 16h30 Unknowable Certainly : lullaby to put myself to rest
Cyan D'Anjou
- 16h35 - 17h05 Analog ring modulation : a DIY approach inspired by historical techniques
Rodrigo F. Cádiz, Tomás Koljatic, Michel Rozas, Cristián Garcés, Juan Parra Cancino,
- 17h10 - 17h40 Bellplay : Software and Sound Design in ludus vocalis
Felipe Tovar-Henao

THURSDAY, MARCH 27TH PROGRAM - IRCAM

SHANNON

- 10h00 - 10h30 Quantum Fields Sound Synthesis (QFSS)
Robert Lisek
- 10h45 - 11h15 Emotion-Driven audio and multimédia generation using
brain-computer interfaces and deep learning.
Tommaso Colafiglio, Fabrizio Festa, Tommaso Di Noia
- 11h15 - 11h30 BREAK
- 11h30 - 13h00 Workshop Reality Check for Das Wohlpräparierte Klavier
Philippe Manoury, Miller Puckette
- 14h00 - 15h30 Workshop DAFNE+
Hugues Vinet, Guillaume Piccarreta, Greg Beller
- 16h00 - 17h30 Workshops DAFNE+ - Hands on Reality Check
Miller Puckette

SALLE NONO

- 11h15 - 13h00 Sonic Lab - Workshop
Sinan Bokesoy, Laurent Mialon
- 13h00 - 14h00 LUNCH BREAK
- 14h00 - 15h30 Workshop ASAP
Pierre Guillot

THURSDAY, MARCH 27TH PROGRAM - IRCAM

STUDIO 5

Sessions

10h30 - 11h00

11h15 - 11h45

12h00 - 12h30

12h45 - 13h15

"Acousmatic massages" Artistic residency - release

Vincent Isnard, Laurent Corvalan Callegos

16h00 - 18h00

REACHing Forum Session : update on research, creations and software tools.

Update on REACH's complete software suite: Omax, Somax2, SomaxCollider, Djazz and Dicy2

G. Assayag, J.M. Fernandez, M. Fiorini, A. Gatti, M. Chemillier, M. Malt

STUDIO 2

11h15 - 13h00

Hearing from within a Crossfade

Lewis Woltstanholme

SESSIONS

14h00 - 14h30

14h30 - 15h00

15h00 - 15h30

Demo CAIRO (Creative Augmented Impulse Response Objects)

Nadine Schütz, Anthony Gallien, John Burnett, Markus Noisternig, Olivier Warusfel

16h00 - 16h30

How to DJ in Spatial Audio

Deep Space

OFF-SITE VISIT TO THE INSTALLATION LAND “PROMENADE SONORE - VENT | SOLEIL | PLUIE”

Thursday 27th : 19h00 - 19h45

The land sound artwork Promenade Sonore : Vent, Soleil, Pluie is a sonic promenade in three parts, imagined and composed by sound artist Nadine Schütz for the public space that is the Pleyel footbridge.

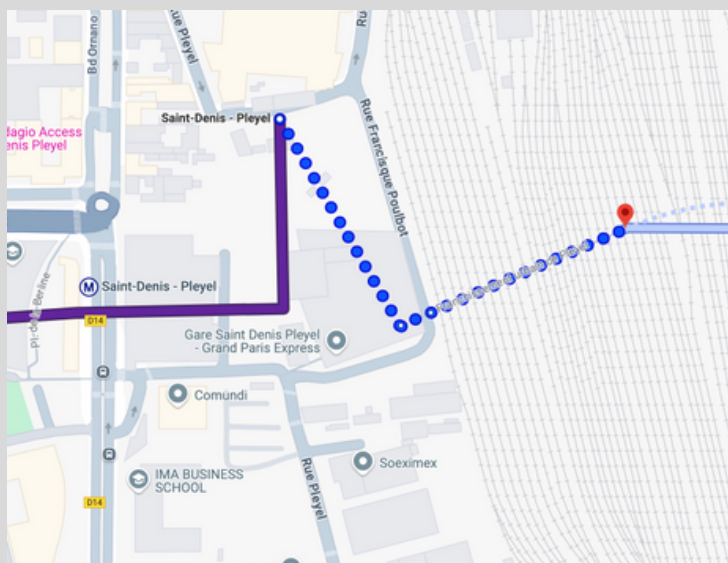
Three sculptural sound-generating instruments were created specifically for the three supporting structures, each corresponding to a meteorological element. They create a relaxing landscape ambience that varies the perception of the site's materiality, spatiality and climate. Wind, sun and rain are the musicians.

This land sound artwork results from a close collaboration between the sound architect and composer Nadine Schütz and the architect-engineer Marc Mimram. It proposes a new approach to art and music in public spaces by considering them an integral part of a place-making process. The three sound installations combine mechanical and electro-acoustic as well as pre-recorded and generative components that augment each other, thus exploring composition based on environmental interaction in different ways.

By Nadine Schütz

Where :

Franchissement urbain Pleyel, Canton de Saint-Denis-1, 93200 Saint-Denis



Ligne 14 (M) 14 (29') : Châtelet -> Saint-Denis - Pleyel

THURSDAY, MARCH 27TH PROGRAM - IRCAM

STUDIO 3

10h00 - 12h15 *Moving Sound Pictures : Hommage, an immersive VR experience*
Konstantina Orlandatou

14h30 - 17h30 *Artistic residency - release : Teaching and developing soundworks - playground@2.0.0*
Garth Paine

STUDIO 4

11h00 - 18h00 *Re-sounding Bodies Artistic residency - release*
Alberto Gatti

VIGIE

10h00 - 17h00 *Multisequencer System*
Augustin Muller

GALERIE

10h00 - 18h00 *Paint a Raga*
Nikita Raina

FRIDAY, MARCH 28TH PROGRAM - IRCAM

STRAVINSKY - Conferences

- 10h00 - 10h30 *Sonifying The Powder Toy*
Kieran McAuliffe
- 10h35 - 11h05 *Sinusoidal run rhythm*
Steffen Krebber
- 11h05 - 11h20 *BREAK*
- 11h20 - 11h50 *Latent Terrain: Dissecting the Latent Space of Neural Audio Autoencoders*
Jasper Zheng Shuoyang
- 11h55 - 13h00 *Session C-LAB (Application of Dicy2 in the Production - The Day in Gad-Avia)*
Tsang Jing-shiuan & Chen Chia-hui
- 14h00 - 14h30 *Networked Virtual Instruments in the Stochastic Sound Rhizome*
Tansy Xiao (Online)
- 14h35 - 15h05 *Art music Denmark presents : Xavier Bonfill*
- 15h10 - 15h40 *Overton - Decorrelated Spatial Synthesis*
Martin Antiphon
- 15h40 - 16h00 *BREAK*
- 16h00 - 16h30 *Immersive Telematic Performance*
Randall Packer
- 16h35 - 17h05 *Rave model challenge Awards Ceremony*
- 17h15 - 18h00 Presentation training courses 2025 - 2026
Philippe Langlois
&
Closing session by the forum team

FRIDAY, MARCH 28TH PROGRAM - IRCAM

SHANNON

- 10h30 - 11h00 *Visceral Sonic Oyster*
Yidi Wang
- 11h00 - 11h15 *BREAK*
- 11h15 - 11h45 *Comprovisation as a compositional method for a neuroscience-inspired contemporary music show for toddlers aged 0 to 2*
Anne Chabot-Bucchi
- 12h15 - 13h00 *Reinventing Real-Time Multichannel Audio Processing with FPGA Technology*
Maxime Popoff, Romain Michon, Tanguy Risset
- 14h35 - 15h05 *An attempt at Unified Music Technology Framework : Bridging Audio, Visual, and AI Domains with the Elixir Language*
Thibaut Barrère
- 15h10 - 15h40 *Artists & Engineers : How We Communicate – Behind the Scenes of Sound Art (Installation/Theatre) with Multichannel Audio*
Hosoi Miyu - Conference
- 16h00 - 16h45 *Navigating Precision and Liveliness in Artificial and Human Voice Drones with Ensemble Ikosikaihenagone*
Benjamin Duboc, Diemo Schwarz
- 16h45 - 17h00 *BREAK*
- 17h00 - 17h45 *Koral and Arts Convergences*
Frédéric Bevilacqua, Charles-Edouard de Surville

STUDIO 5

- 10h00 - 18h00 *Electronic Music Conference*
Continuucon Session

ContinuuCon at Ircam Forum

Session Continuucon - Program

10h00 - 11h00	<i>Edmund Eagan</i>
11h00 - 12h30	<i>Approaching the Continuum (one instrument, two mindsets)</i> Grégoire Blanc, Clément Rousillat
12h30 - 14h00	BREAK
13h15 - 14h00	<i>Informal demonstration</i> Christophe Duquesne
14h00 - 15h00	<i>Edmund Eagan - Practical examples</i>
15h00 - 15h30	<i>Open time for discussions</i>
15h30 - 17h00	<i>Overlay Synths, Making Overlays Synths</i> Guillaume Bonneau, Lippold Haken, Christophe Duquesne, Josh Madoff, Edmund Eagan, Rob Schwimmer
17h00 - 17h30	<i>Open time for discussions</i>
17h30 - 18h00	<i>Brain Waves Meets the EaganMatrix</i> Tony K., T. Leung

March 28th at IRCAM
From 9h30 to 18h00
Studio 5

FRIDAY, MARCH 28TH PROGRAM - IRCAM

STUDIO 2

11h15 - 13h00

Lenna
Hosoi Miyu

13h00 - 14h00

LUNCH BREAK

Sessions

14h30 - 15h00

15h00 - 15h30

16h00 - 16h30

Methods for Procedural Design of Spatial Reverb
John Burnett, Benoît Alary

16h30 - 17h00

17h00 - 17h30

STUDIO 3

14h30 - 15h30

An adaptive Acoustic Software or Perceptual Audio Codec for Instrumental Music, which can be tangibly used for Music Hardware, Products & Accessories
Arnab Dalal

16h00 - 17h00

Merzmania
Gintas Kraptavicius

STUDIO 4

11h00 - 18h00

Re-sounding Bodies Artistic residency - release
Alberto Gatti

VIGIE

10h00 - 17h00

Trembling Chamber : Composing Immersive Electroacoustic Experiences with the language of Butterflies
Zhao Jiajing

GALERIE

10h00 - 18h00

Modeling variations in tempo, beat, and onsets in music performances
Pablo Alvarado

10h00 - 18h00

Paint a Raga
Nikita Raina

PRACTICAL INFORMATIONS

Entire event conducted in English

VENUES

IRCAM
1 Place Igor
Stravinsky
75004, Paris

METRO

- Hôtel de ville (1,11)
- Rambuteau (11)
- Châtelet (1,4,7,11,14)
- Les Halles (4 RER A,B,D)

Franchissement Pleyel :
Franchissement urbain
Pleyel, Canton de Saint-
Denis-1, 93200 Saint-
Denis

METRO :

Ligne 14  **14** : Châtelet -> Saint-Denis - Pleyel



CATERING SERVICES

Buffet offered at lunchtime - to all participants on March 26, 27, 28 on presentation of your badge.

EXHIBITIONS

Badges are only valid for access to temporary exhibitions at the Centre Pompidou.

MEDIATHEQUE

During our workshops, Ircam mediatheque will be accessible for all participants from 2pm to 6pm.

Guide Tour on Thursday 27th at : 11AM, 11:30AM, 12 AM, 12:30AM (10 persons per session).

*****Only on registration (available at level -2)*****

FURTHER INFORMATION

Available on Forum Ircam website :
[here](#)

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