

INTERNATIONAL FAUST CONFERENCE IFC-20

1-2 December 2020, Saint-Denis (France)

<https://ifc20.sciencesconf.org/>

CALL FOR PAPERS, ROUND TABLE TOPICS, MUSIC PIECES AND INSTALLATIONS, WORKSHOPS, DEMONSTRATIONS AND TUTORIALS

The Second International Faust Conference (IFC-20) will take place at the [Maison des Sciences de l'Homme Paris Nord](#) (Saint-Denis, France) on December 1-2, 2020 (initial date: 14-15 May). It aims at gathering researchers, developers, musicians, computer artists using the Faust programming language to present current works, creations and projects and discuss future directions for Faust and its community. The 2020 edition is organized by the [CICM](#) (Centre de Recherches Informatique et Création Musicale) / [MUSIDANSE](#) Lab / [Université Paris 8](#).

In 2020, we will put a special focus on artistic, pedagogical, preservation and student projects made with Faust, as well as on the use of this language in mixed music on the Seine Saint-Denis territory. A workshop will bring together young musicians from Saint-Denis Conservatory with their professors, and students from the Music Department of Paris 8 University programming in Faust.

The conference will propose sessions of paper presentations, as well as thematic round tables, demonstrations and tutorials, and artistic events with a concert of music pieces and the exhibition of installations using Faust.

The date of this edition has been chosen so that interested parties may be able to attend the Linux Audio Conference [LAC2020](#), which will take place in Bordeaux, (initial date: 11-13 May 2020, new date to be announced) and organize a one week stay in France.

The conference is supported by the AFIM (Association francophone d'Informatique Musicale, through the call for projects of the DGCA of the French Ministry for Culture and Communication) and the Maison des Sciences de l'Homme Paris Nord (through the 2020 call for projects).

Guidelines for submissions

All submission initial call deadline: February 29th, 2020 ~~February 15th, 2020~~

Notification of acceptance for the first call : March 31st, 2020 ~~March 15th, 2020~~

All submission second call deadline: August 31st, 2020

Notification of acceptance for the second call: September 20th, 2020

All submissions must be uploaded through the conference website: ifc20.sciencesconf.org

All submissions must be written in english.

All submissions will be peer-reviewed.

All accepted submissions will be present in the proceedings.

You may already have an account to the conference website due to other conferences using the same service (previous account on sciencesconf.org or HAL). If that is the case, when logging in, please go to the "Registration" page and fill out the missing information - in particular the expected arrival and departure times which will allow us to schedule the conference program accordingly.

To submit, follow the following link: ifc20.sciencesconf.org/user/submissions (or go to "My Submission" in the "My Space" button which will appear after you register to the conference website).

Paper submissions

We welcome submissions from academics, professionals, independent programmers, artists, etc. We solicit original papers centered around the [Faust programming language](#) in the following categories:

- Original research
- Technology tutorial
- Artistic project report (e.g., installation, composition, etc.)

Papers should be written in English, up to 14 pages in length, non anonymous, and formatted according to the template provided on the conference website. All submissions are subject to peer review. Acceptance may be conditional upon changes being made to the paper as directed by reviewers.

Accepted papers will be published on-line. They will be presented by their author(s) at IFC-20.

Round Table Topics

A series of round tables on the following themes will take place:

- Faust Tools (e.g., Architectures, IDE, Faust Code Generator, On-Line Services, etc.)
- DSP in Faust and Faust Libraries (e.g., New Algorithms, New Libraries, Missing Functions, etc.)
- Faust Compiler and Semantics
- Artistic Creation with Faust
- Teaching Faust
- Other Topics / Open Session

We solicit topic suggestions from the Faust community for each of these themes. Topics can be submitted as one page papers in english.

Call for music pieces and installations using Faust

We solicit original music pieces with electronics using Faust programming language. They can be electroacoustic or mixed music for solo instruments and live electronics. Two musicians will be proposed by the conference organizers playing the following instruments: a mandoline/mandole/mandoloncello player and a piano player.

It is also possible for composers to provide their own musician(s) in case of a piece for another /other instrument(s), or to play their own music with their instrument. The artistic committee will select the pieces that will be performed in a concert of Faust pieces on December 1st in the evening. We will also provide a piano (Yamaha C3X) for the concert on December 1st.

We also welcome proposals of installations using Faust code. Their creators will have to provide all device and material necessary for the installation.

For all these artistic proposals, composers/creators are required to put all material (score, Faust code, indications for performing, schemes, audio files in 48KHz) on a public and permanent repository for instance on Github. A one page PDF presentation of the music piece in english must be submitted as a paper, giving all indications to download the files to have a precise idea of the creation.

Workshop, demonstration or tutorial proposals

We also solicit proposals of workshops, demonstrations or tutorials. In addition to the amphitheater for the paper presentation, to the auditorium for the concert, two seminar rooms have been reserved. They are equipped with video-projectors and stereo diffusion. Each room can contain a maximum of 24 persons.

A one page PDF presentation in English of the workshop, demonstration or tutorial must be submitted as a paper.

For all submissions, feel free to contact us if you have any question at ifc20@sciencesconf.org

Registration

The conference and all its events will be free. But **registration on the conference website is mandatory** and is already possible on the registration page.

Location

The conference will take place in the Maison des Sciences de l'Homme Paris Nord which is located very close to Paris at the following address:

20 avenue George Sand, 93210 Saint-Denis La Plaine, France.

Location: <https://www.openstreetmap.org/#map=19/48.90793/2.36514>

The conference venue is accessible by several parisian transport services: metro line 12 (Front Populaire Station, exit #3, 150 meters walking), by regional urban train (RER B, La Plaine Stade de France station, 15 minutes walking), by buses #139, #239, #512 (bus station Front Populaire, 150 meters walking).

All events will take place in the Maison des Sciences de l'Homme Paris Nord: conferences in the amphitheatre, concert and music workshops in the auditorium, tutorials and software demonstrations in two seminar rooms.

Travelling

By train

You can travel from many european countries (UK, Germany, Netherlands, Belgium, Luxembourg, Switzerland, Italy, Spain) to Paris by train. Then, according to the station where you arrive in Paris, you can reach the Maison des Sciences de l'Homme Paris Nord by metro, RER or bus (see location paragraph above).

For people attending the Linux Audio Conference in Bordeaux just before, you can take the TGV train and join Paris (Montparnasse Station) within two hours.

By plane

You can arrive by plane to Charles-de-Gaulle Roissy airport and very easily join the Maison des Sciences de l'Homme Paris Nord by the RER B (La Plaine Stade de France station, see location paragraph above).

The other airport, Orly is located in the south of Paris, and you can also join the Maison des Sciences de l'Homme Paris Nord by the RER B after taking the Orlyval shuttle or the Orlybus.

Local Organization Committee

Alain Bonardi
Paul Goutmann
Anne Sèdes
João Svidzinski
Bo Zhang

Steering Committee

Alain Bonardi
Albert Gräf
Stéphane Letz
Romain Michon
Yann Orlarey

Scientific Committee

Alain Bonardi – Université Paris 8 (Saint-Denis, France)
Bart Brouns - Studio Magnetophon (Netherlands)
Chris Chafe - CCRMA, Stanford University (USA)
Pierre Guillot – IRCAM (Paris, France)
Albert Gräf - Johannes Gutenberg University (Mainz, Germany)
Pierre Jouvelot - CRI, MINES ParisTech (Paris)
Victor Lazzarini - National University of Ireland (Maynooth, Ireland)
Pierre Lecomte - INSA (Lyon, France)
Stéphane Letz - GRAME (Lyon, France)
Romain Michon - GRAME (Lyon, France)
Laurent Pottier - Université de Saint-Etienne (France)
Yann Orlarey - GRAME (Lyon, France)
Julius Smith - CCRMA, Stanford University (USA)
João Svidzinski - Université Paris 8 (Saint-Denis, France)

Artistic Committee

Alain Bonardi
Núria Gimenez-Comas
José Manuel Lopez Lopez
Pierre Michaud
Anne Sèdes
João Svidzinski