



# 2020 International Conference on Analog VLSI Circuits

<http://www.avic2020.org>



## Oct. 5-7, 2020, Bordeaux, France

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### Important Dates

Paper Submission Deadline:

**May 15, 2020**

Author Notification Due:

**July 15, 2020**

Registration Starts:

**August 15, 2020**

Final Paper Submission Deadline:

**September 1, 2020**

## Scope

The Research Committee on Electronic Circuits of the Institute of Electrical Engineers of Japan (IEEJ) in cooperation with **IMS Laboratory, the Electronics research center of Univ. Bordeaux** will hold 2020 International Conference on Analog VLSI Circuits (AVIC) in Bordeaux, France on October 5-7, 2020.

AVIC is the successor of International Analog VLSI Workshop, which had been held for 24 years. The purpose of this conference is to discuss state-of-the-art ideas and results from researches on analog VLSI circuits and their applications. It has contributed to long-standing worldwide community of analog VLSI circuit experts in industry and academia.

## Topics

AVIC 2020 covers topics related to analog and mixed-signal integrated circuits including but not limited to:

- Analog and Mixed-signal Integrated Circuits:
  - Amplifiers, Filters, Comparators, Oscillators, Multipliers, PLLs, RF ICs
  - Voltage/Current References, Sample-And-Hold Circuits
  - A/D and D/A Converters, High Speed IO Interface
  - Energy Harvesting, Power Management
- Analog VLSI Design Automation:
  - Layout, Simulation, HDL, Analog IP
- Signal/Information Processing and Applications:
  - Communication, Multimedia, Automotive Electronics
  - Biomedical Electronics, Consumer Electronics
  - Non-linear Signal Processing, Neural Network
  - Sensing and Sensor Networks, Space Electronics
- Digital Circuits and Digital Signal Processing

## Paper Submission

Paper submission is accepted via the official website <http://www.avic2020.org/>

Authors are required to submit a full paper in English, in IEEE format. Notification will be sent to the authors via e-mail. Accepted papers must be resubmitted as the final (camera-ready) ones. At least one of the authors of a paper must register and give a presentation at the conference.

Visit AVIC 2020 website for additional information: <http://www.avic2020.org/>

**Selected papers will be published in a SPRINGER journal special issue**

## Conference Venue

Université de Bordeaux  
351 cours de la Libération  
Talence  
France

## Contact

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