



# 2022 International Conference on Analog VLSI Circuits (AVIC 2022)

## Hiroshima, Japan

## October 31<sup>st</sup> – November 2<sup>nd</sup>, 2022

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### Important Dates

Paper Submission Deadline:

**June 30, 2022**

Author Notification Due:

**August 8, 2022**

Registration Starts:

**September 1, 2022**

Final Paper Submission Deadline:

**September 10, 2022**

Conference:

**October 31– November 2, 2022**

### Contact:

[avic2022@ieej-ect.org](mailto:avic2022@ieej-ect.org)

<https://www.avic2022.org/>

### Scope

The Research Committee on Electronic Circuits of the Institute of Electrical Engineers of Japan (IEEJ) in cooperation with Department of Information and Communication Engineering, Hiroshima Institute of Technology will hold 2022 International Conference on Analog VLSI Circuits (AVIC) in Hiroshima, Japan on October 31<sup>st</sup> –November 2<sup>nd</sup> 2022.

AVIC is the successor of International Analog VLSI Workshop, which had been held for 25 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 2022 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 <https://www.avic2022.org/> Authors are required to submit a full paper in English, in IEEE format, along with information including paper title, author name(s), affiliation(s) of author(s), and the corresponding author (name, postal and e-mail addresses). 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 2022 website for additional information:

<https://www.avic2022.org/>

### Conference Venue

Hiroshima Institute of Technology  
2-1-1 Miyake, Saeki-ku, Hiroshima, 731-5193 Japan  
<https://www.it-hiroshima.ac.jp/>

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

### Organizers



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