

2018 SYMPOSIUM ON VLSI CIRCUITS

June 18-22, 2018

Hilton Hawaiian Village
Honolulu, Hawaii

Technology, Circuits, and Systems for Smart Living

Scope

The Circuits Symposium is placing special emphasis on several Innovative System focus areas, and encourages paper submissions on:

- Machine and deep learning
- Internet of Things
- Industrial electronics
- Big Data management
- Robotics and autonomous transportation

In addition, submissions are welcomed in all of the following circuits areas:

- Processors, SoCs, and Machine Learning
- Digital circuits, signal integrity, and IOs
- Memory circuits, architectures, and interfaces
- Biomedical circuits
- Sensors, imagers, and display circuits
- Power conversion circuits
- Analog, amplifier and filter circuits
- Wireless receivers and transmitters
- Data converters
- Frequency generation and clock circuits
- Wireline receivers and transmitters

Paper Submission Deadline:
23:59 PST Monday, January 29, 2018



2018 VLSI



**CIRCUITS
SYMPOSIUM**
HONOLULU

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Highlights

There will be a full four-day overlap between the co-located Symposia on VLSI Technology and Circuits, providing unique opportunities

- Access to both Symposia with a single registration
- Joint Focus Sessions in the following areas of special interest:
 - Power devices and circuits
 - Heterogeneous system integration
 - Design/technology co-optimization
 - New devices and systems for A.I.

The Symposia also offer ample opportunities to network with colleagues in both technical areas

- Three evening panels
- Evening reception and joint banquet
- SSCS Women in Circuits reception
- SSCS and EDS Young Professionals events

In addition to technical sessions, attendees participate in interactive events with authors, instructors, and experts from industry and academia

- Two full-day circuits short courses, Monday, June 18th
 - Design for the next wave of cloud computing
 - Bio-sensors, circuits, and systems for wearable and implantable medical devices
- Demo session for outstanding papers
- Forum on Machine Learning and Artificial Intelligence, Friday, June 22nd

Further Information

The Symposia website is the central resource for additional information, including details on paper submissions and Best Student Paper eligibility.

<http://vlsisymposium.org>

