



# NEWCAS 2020

18th IEEE International NEWCAS conference  
June 16 - 19, 2020, Montréal, Canada

## Honorary chair

Mohamad Sawan, Westlake University, CN  
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Mounir Boukadoum, UQAM, CA

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Manuel Barragan, Grenoble INP, FR

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## Special session co-chairs

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## Conference logistics

Éric Legua, ReSMiQ, CA

## Now an Interregional IEEE Flagship Conference!

The 18th IEEE International NEWCAS Conference will be held in **Montréal, Canada**, on **June 16-19, 2020**, at the **SOFITEL HOTEL**. As with previous editions, it will reflect the wide spectrum of topics, research and practice in the field of circuits and systems, and offer an international forum for exchanging ideas and results. There will also be tutorials, special sessions and keynote talks by prominent experts on current topics in microsystems research. This year's edition is oriented towards IoT and smart low-power devices.

### The topics include, but are not limited to:

Analog/mixed-signal circuits	Biomedical circuits and systems
CAD and design tools	Communication circuits and systems
Test & verification	RF & microwave circuits
Computer architecture and memory	Digital circuits
Digital signal processing	Imaging and image sensors
Low-power low-voltage designs	Embedded systems
Energy harvesting circuits	Sensory circuits and systems
Neuromorphic circuits and systems	Technology Trends

**For detailed information on proposal and paper submission procedure please refer to the conference website: [www.newcas2020.org](http://www.newcas2020.org)**

**Submission** - Only electronic submissions will be accepted. Complete 4-page papers (in standard IEEE double-column conference format) should be submitted in PDF format that is IEEE Xplore compliant. Accepted technical and special session papers will appear in IEEE Xplore digital library.

### Schedule

Deadline for full paper submission: **Feb. 7, 2020**  
Deadline for tutorial and special session proposals: **Feb. 7, 2020**  
Notification of acceptance: **Apr. 10, 2020**  
Submission deadline of final manuscript: **May 12, 2020**

**About Montreal** – A mix of European and North American cultures, Montréal offers a harmonious balance between the ancient and the new, from charming architecture to fine dining, and a joie de vivre reflected by numerous sporty and cultural events, of which the international jazz festival soon after NEWCAS.

