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**Interregional IEEE CAS Flagship Conference**

The 19th IEEE Interregional NEWCAS Conference will be held in Virtual mode. 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 COVID-19 and smart low-power devices.

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

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

For detailed information on proposal and paper submission procedure please refer to the conference website: [www.newcas2021.org](http://www.newcas2021.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**

- Special Session deadline: **Dec 16, 2021**
- Tutorial deadline: **Feb. 3, 2021**
- full paper(s) submission deadline : ~~Feb. 3, 2021~~ **Feb. 25, 2021**
- Notification of acceptance : **Apr. 2, 2021**
- Submission deadline of final manuscript: **May 3, 2021**

**About Newcas**

The IEEE Interregional NEWCAS Conference is the IEEE Regions 1-8 interregional flagship conference and networking forum for worldwide engineers and researchers in the field of circuits and systems. The conference offers a perfect opportunity to meet scientific and industrial experts, to listen, learn, and discuss the most recent scientific and industrial developments and advancements. It is a perfect opportunity for Ph.D. candidates to show the progress of their scientific work in front of the conference either as a lecture or poster presentation.

