



SERGIPE

ARACAJU

# 1<sup>st</sup> IEEE CASS SERGIPE WORKSHOP

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# ABOUT US

## 1st IEEE CASS Northeast Brazil Workshop on Circuits and Systems

We are pleased to announce the inaugural IEEE Circuits and Systems Society (CASS) Workshop in Brazil's Northeast region, to be held in Aracaju, Sergipe. This landmark event aims to foster academic and industrial exchange among local and international researchers, strengthening the circuits and systems community in the region.



Over two days, the workshop will feature a diverse program, including keynote lectures by distinguished experts from leading institutions in the field, hands-on workshops, and poster sessions. This event presents a unique opportunity for students, researchers, and industry professionals to connect, share knowledge, and explore future collaborations. The hosting of this workshop in the Northeast underscores IEEE CASS's commitment to expanding its global presence and supporting regional development in circuits and systems.

# INVITED SPEAKERS

Fulaninho



/ DESIGNER DE INTERIORES

raninho



GNER DE INTERIORES

Ciclaninho



/ DESIGNER DE INTERIOR







# PROGRAM

	Monday, 17/07/2025	Tuesday, 18/07/2025
13:30 ~ 14:40 (Introductory lecture)	Digital Design Algorithms Jose Luis Guntzel -UFSC and IEEE Senior member	Transistor Models and Fault Tolerance AnalysisCristina Meinhardt - UFSC and IEEE Senior member
14:50 ~ 16:00 (Advanced Lecture)	Trends on EDARicardo Reis - UFRGS and IEEE Fellow	Physical Design Automation of Transistor NetworksRicardo Reis - UFRGS and IEEE Fellow
16:10 ~ 17:00	Coffee break and Panel	Coffee break and Panel
17:10 ~ 18:30	Industrial Talks	Industrial Talks

# TOPICS OF INTEREST

THE PROGRAM WILL COVER THE FOLLOWING TOPICS IN CIRCUITS AND SYSTEMS,  
BUT WILL NOT BE LIMITED TO THEM:

Analog and Digital Circuits

Machine Learning Circuits

Mixed-Mode Circuits

Biomedical Eletronics

Communication/RF Circuits

Wireless Sensor Networks

Nanoelectronics

Electronic Design  
Automation

Video Processing  
Architectures

VLSI Systems and  
Applications

Low Power Design

FPGA Design and  
Applications

Circuit Testing

High-Level and Logic  
Synthesis

Fault-Tolerant Circuits

Approximate Computing

# CALL FOR POSTERS

Manter indisponível temporariamente, pois estamos no aguardo de informações sobre.

# HOTEL & LOCATION

Inserir aqui tabela de preços de hotéis com link para site

Mapa interativo que Will fez



# REGISTRATION

The registration in the 11th IEEE Circuits and Systems Workshop is free of charge for all those who want to participate. We kindly ask you to register your personal data for our records.

[Click here to register](#) (Link do forms)

# IEEE/CASS MEMBERSHIP

The IEEE Circuits and Systems Society is the leading organization that promotes the advancement of the theory, analysis, computer-aided design and practical implementation of circuits, and the application of circuit theoretic techniques to systems and signal processing. The Society brings engineers, researchers, scientists and others involved in circuits and systems applications access to the industry's most essential technical information, networking opportunities, career development tools, and many other exclusive benefits. Members with similar technical interests engage in professional exchange through the Society's more than 100 local chapters in the United States, Canada, Europe, the Middle East, Africa, Latin America, Asia, Australia, and the Pacific.

Membership includes Society Newsletter (electronic), IEEE Circuits and Systems Magazine (electronic and print), IEEE RFIC Virtual Journal (electronic), IEEE Circuits and Systems Society Digital Library, and Conference Digital Library (electronic).

Circuits and Systems Society membership covers one calendar year, beginning on 1 January and ending on 31 December. Professionals can join at any time during the calendar year and fees are prorated based on the month in which membership begins through the end of the calendar year. The cost of membership includes Society dues plus the specified amount based on the region in which you reside. IEEE CASS membership dues are listed below from Brazilian people:

Student member: IEEE (USD xx,xx) + CASS (USD xx,xx) = USD xx,xx per year

Professional member: IEEE (USD xx,xx- electronic option) + CASS (USD xx,xx) = USD xx,xx per year

As an IEEE Member, you can affiliate with the Council on Electronic Design Automation (CEDA) free of charge.

More information can be obtained at <https://ieee-cas.org/about/membership>.

# ORGANIZERS



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# CONTACT US

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