AICAS 2025: Be a part of a sustainable future

ABOUT AICAS
Artificial Intelligence is driving a revolution in information technology as well as in many industries. New computing paradigms are required to support the emerging AI algorithms and applications, running on a diversity of platforms, from edge devices to cloud servers and from circuit level to system level. Addressing this challenge and opportunity, the AICAS conference has been established as the premier conference of the IEEE Circuits and Systems Society to promote and facilitate state-of-the-art research, innovation, and development activities at the frontiers of artificial intelligence circuits and systems.

BORDEAUX VENUE
A world-renowned city, Bordeaux is famed for its vineyards, gastronomy, and unique art and culture. To explore the city and its heritage, you will be spoilt for choice. Whether you wish to wander through Bordeaux’s World Heritage area and its beautiful quarters, discover the city’s sites and monuments by bike, visit its museums, enjoy a romantic weekend, or travel with your children, you won’t be bored! The only risk is that you don’t have enough time to do everything: this will only make you want to come back!

PAPER SUBMISSION
Prospective authors are invited to submit anonymously, via the conference website, full length papers in a maximum of 5 pages, of which 4 are for technical content and with an optional 5th page containing only references. Proposals for special sessions, live demos, and tutorials are welcome. Submitted papers must describe original work that has not been submitted to other journals or conferences. Authors are expected to present their papers in person at the conference. While the conference proceedings will be submitted to the IEEE Xplore® digital library, the best papers will be recommended to the IEEE Transactions on Circuits and Systems for AI for a Special Issue/Section AICAS2025.

TOPICS OF INTEREST
- In-memory computing
- Circuits and systems for AI
- Architecture for AI computing
- Emerging computing devices and materials for AI
- Circuits and Systems for neural network-based language modeling
- Hardware/software co-design and design automation for AI systems
- Neuromorphic and bioinspired circuits, processors, systems and their applications
- Emerging applications: IoT, healthcare, smart factories, environment, robotics, autonomous vehicles, drones, AR/VR, metaverse
- Computer vision algorithms and architectures
- AI for Future Wireless Communications
- AI for Circuits and Systems
- Compute in Memory

IMPORTANTES Dates
- Special session proposal submission: August 26, 2024
- Acceptance notification of special session proposal: September 02, 2024
- Submission deadline (regular and special sessions): September 23, 2024
- Tutorial proposal submission: September 23, 2024
- Live demo proposal submission: September 23, 2024
- Acceptance notification of tutorial and demo proposals: October 22, 2024
- Acceptance notification of regular papers: December 18, 2024
- Acceptance notification of special sessions papers: December 18, 2024
- Submission of camera-ready papers: January 10, 2025