SBCCI 2024

37th SYMPOSIUM ON INTEGRATED CIRCUITS AND SYSTEMS DESIGN
CALL FOR PAPERS » WWW.SBCCI.ORG.BR
SEPTEMBER 02 TO 06, 2024

CHiP ON THE Cliffs 2024

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SBCCI is an international forum dedicated to integrated circuits and systems design, test, and electronic design automation (EDA), held annually in Brazil. The 37th SBCCI will occur in João Pessoa, State of Paraíba, Brazil. The symposium aims to bring together researchers in EDA, design and test of integrated circuits and systems. The scope of the symposium includes technical sessions, tutorials, panels, an exhibition, and working group meetings. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. The best papers presented at the symposium will be invited to resubmit an extended version to be considered for publication at the IEEE Design & Test and at the JICS (Journal of Integrated Circuits and Systems). SBCCI strongly encourages international submissions. Manuscripts must contain a maximum of 4 pages with one additional optional 5th page containing only references, follow the IEEE two-column format, and be prepared for double-blind review.

The areas of interest include:

- Hardware-software co-design and co-verification
- System level modeling and synthesis
- High-level and logic synthesis
- Physical design of ICs and systems
- EDA – electronic design automation
- Testability issues, design for test techniques
- Design and modeling languages and applications
- Analog, digital, and mixed signal design
- Embedded systems and cyber-physical systems design
- System-on-chip, IP reuse and platform-based design
- Low power tools and design techniques
- Verification, simulation, emulation, and prototyping techniques
- Reconfigurable architectures and novel applications of FPGAs
- Nanoelectronics, nanoarchitectures and nanocomputing
- Visual Signal Processing Systems and Applications

Paper Submission Opens:
March 8th, 2024

Paper Submission Deadline:
~~April 1st, 2024 April 15th, 2024~~
April 22nd, 2024 (Paper Registration)
April 29th, 2024 (Final)

Notification of Acceptance:
~~May 20th, 2024~~
June 17th, 2024

Camera-Ready Deadline:
~~June 10th, 2024~~
July 1st, 2024

Co-located Events:
8th International Symposium on Instrumentation Systems, Circuits and Transducers - INSCIT 2024
24th Microelectronics Students Forum - SFORUM 2024
38th Symposium on Microelectronics Technology - SBMICRO 2024
14th Workshop on Circuits and Systems Design - WCAS 2024

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