INTEGRATION
the VLSI Journal

TABLE OF CONTENTS

- Description  p.1
- Audience  p.1
- Impact Factor  p.1
- Abstracting and Indexing  p.2
- Editorial Board  p.2
- Guide for Authors  p.6

DESCRIPTION

*Integration*’s aim is to cover every aspect of the **VLSI** area, with an emphasis on cross-fertilization between various fields of science, and the design, verification, test and applications of **integrated circuits** and **systems**, as well as closely related topics in process and device technologies. Individual issues will feature peer-reviewed tutorials and articles as well as reviews of recent publications. The intended coverage of the journal can be assessed by examining the following (non-exclusive) list of topics:

- Specification methods and languages;
- Analog/Digital Integrated Circuits and Systems;
- VLSI architectures;
- Algorithms, methods and tools for modeling, simulation, synthesis and verification of integrated circuits and systems of any complexity;
- Embedded systems;
- High-level synthesis for VLSI systems;
- Logic synthesis and finite automata;
- Testing, design-for-test and test generation algorithms;
- Physical design;
- Formal verification;
- Algorithms implemented in **VLSI systems**;
- Systems engineering;
- Heterogeneous systems.

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RF integrated circuits (ICs), mm-wave ICs, isolated dc-dc converters, radar sensors
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Modeling and Simulation of Interconnects, Circuit Simulation, Power Analysis, Thermal Aware Design, Optimization and Machine Learning

C. Zhuo, Zhejiang University, Hangzhou, China

- Low power, Power and signal integrity, 3D IC, Cross-layer design and optimization, Design for reliability
GUIDE FOR AUTHORS

Types of contributions
Integration's aim is to cover every aspect of the VLSI area, with an emphasis on cross-fertilization between various fields of science, and the design, verification, test and applications of integrated circuits and systems, as well as closely related topics in process and device technologies. Individual issues will feature peer-reviewed tutorials and articles as well as reviews of recent publications. The intended coverage of the journal can be assessed by examining the following (non-exclusive) list of topics:

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- Algorithms implemented in VLSI systems;
- Systems engineering;
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