

Call for papers

IPSI Transactions on System and LSI Design Methodology



➤ Objective

- ✓ Widely publish research results on System LSI Design Methodology

➤ Scope

Areas of interest include, but are not limited to:

- ✓ **System Design Technology** (specification description, performance estimation, testing and verification, high level synthesis, model-based design, HW-SW co-design, design support/environment systems)
- ✓ **LSI Design Technology** (simulation and modeling, layout design, functional/logic synthesis, LSI testing and verification, high-reliable design, low power design, computer-aided design/design environment tools, emerging design technology)
- ✓ **Design Experience** (embedded systems, reconfigurable systems, cyber-physical systems, AI-related technology, IoT/network applications, medical/healthcare applications, security applications, in-car systems, education for system/LSI design, quantum cryptography, quantum computer)

➤ About the Transactions

- ✓ Issued twice a year on February and June
- ✓ Submission deadlines are June and October, respectively

(Next deadline is October 9, 2024 (hard deadline))

All papers are available for free on the Web <http://www.jstage.jst.go.jp/browse/ipsjtsldm>

- ✓ Papers are registered in many databases *INSPEC, EI, DBLP, SwetsWise, SciVerse Scopus, CrossRef, Google Scholar, Microsoft Academic Search, JDreamII*

- ✓ Short paper category suitable for preliminary publication

A paper with novelty OR useful information is considered for short paper publication.

A complete version can be submitted later as a regular paper.

A short paper is limited to 2 pages except for acknowledgement and references, and the revised version is within a half page more.

- ✓ Invited papers by **world-famous researchers**

- 33rd issue (Scheduled June 2024): Yuncheng Zhang, Kenichi Okada (Tokyo Institute of Technology),
"Design of Synthesizable Digital Phase Locked Loops"
- 32nd issue (February 2024): Tadahiro Kuroda (The University of Tokyo),
"Slashing IC Power and Democratizing IC Access for the Digital Age"
- 26th issue (February 2021): Youngsoo Shin (KAIST),
"Computational Lithography Using Machine Learning Models"

TSLDM Best Paper Award honors the authors of distinguished paper

- For more details, please visit <http://www.sig-sldm.org/tsldm/>