

Special Issue

Cloud Database Systems

Message from the Guest Editors

This Special Issue on cloud data systems invites novel research articles covering, but not limited to, technical advances in data management on the clouds, solutions to issues related to operational intelligence, application development practices, cost management, and data governance regulations. **Keywords:**

- Cloud native databases
- Architectural design for cloud native databases
- Massive parallel cloud database
- Data science exploration and deep learning
- Interoperability with machine learning
- Application on cloud databases
- Hybrid deployment
- Scalability, availability, and reliability
- Security
- Intelligent provisioning
- Intelligent development practice
- Operational intelligence
- Multi-tenant and multi-model support
- Stream and event processing
- Data warehouse and analytics on the cloud
- Economic aspect of cloud database operations

Welcome to contribute!

Guest Editors

Prof. Dr. Sang Kyun Cha

1. Department of Electrical and Computer Engineering, Seoul National University, Seoul 08826, Korea
2. Graduate School of Data Science, Seoul National University, Seoul 08826, Korea

Prof. Dr. Wen-Syan Li

Graduate School of Data Science, Seoul National University, Seoul 08826, Korea

Deadline for manuscript submissions

closed (30 November 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/83840

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).