

## Special Issue

# Secure and Privacy-Enhanced Data Sharing

### Message from the Guest Editors

The scope of this Special Issue, “Secure and Privacy-Enhanced Data Sharing”, covers theoretical foundations, practical mechanisms, and real-world implementations of secure data sharing systems. Topics of interest range from novel cryptographic protocols and blockchain-based access control to differential privacy techniques, usability studies, and practical deployment experiences. Survey papers regarding the state-of-the-art solutions to these topics are also welcome. Potential topics include, but are not limited to, the following:

- Secure data sharing in large language models;
- Data ownership and user-centric sharing models;
- Consent management and transparent data usage;
- Blockchain and decentralized data sharing systems;
- Cross-domain and cross-organizational data sharing;
- Cloud computing, database, and computing infrastructure security;
- Usable security and human factors in data sharing;
- Post-quantum cryptography;
- Homomorphic encryption for data sharing;
- Real-world implementations and case studies.

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### Guest Editors

Prof. Dr. Chuan Zhao

School of Information Science and Engineering, University of Jinan,  
Jinan 250022, China

Dr. Shengnan Zhao

Quan Cheng Laboratory, Jinan 250103, China

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### Deadline for manuscript submissions

30 June 2026



## Electronics

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*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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## 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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