



Information Visualization Theory and Applications

Guest Editors:

Dr. Dong Hyun Jeong

Department of Computer Science
and Information Technology,
University of the District of
Columbia, Washington, DC
20759, USA

Dr. Soo-Yeon Ji

Department of Computer
Science, Bowie State University,
Bowie, MD 20715, USA

Dr. Bong-Keun Jeong

Department of Management and
Decision Sciences, Coastal
Carolina University, Conway, SC
29528, USA

Deadline for manuscript
submissions:

31 March 2025

Message from the Guest Editors

In data science, information visualization has become a central component to understanding complex scientific problems or data through visualization. Thus, designing innovative visualization systems is essential to address and solve various domain problems. For this, a theoretical understanding of visualization models and design principles through visual encoding, interaction, and/or analysis tasks is critical to solving domain problems and understanding data effectively. Identifying possible implications from theories of perception, cognition, design, and/or aesthetics is also important. Automated design guidelines and visualization recommendations should be determined to find scientific limitations of understanding data through visualization.

This Special Issue aims to seek high-quality papers that highlight visualization challenges to be accomplished, elucidate solutions for understanding domain problems through visualizations, and theoretical visualization principles for advancing visualization techniques and applications.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and Software Engineering, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522, Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compindex](#), [dblp](#), and [other databases](#).

Journal Rank: [CiteScore - Q2](#) (*Information Systems*)

Contact Us

Information Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/information
information@mdpi.com
[X@InformationMDPI](#)