

## *Call for Papers*

### **Special Issue on Data Interwork, Sharing, and Reusing Technologies Supporting Digital Transformation Era**

IIEEJ Editorial Committee

In order to solve various social issues speedy and economically, Digital Transformation (DX) is expected to realize Fully Digitalized Society. Therefore, not only the natural language and image/video of the outer world, individual behavior and even the motivation and Kansei of the sole human are going to be processed digitally. The concept of smart home and smart city will be the example of such trend. The utilization of the data automatically acquired from the user will improve the specification of the products, and sharing service will degrade the hurdle of possession of the expensive products for the customers, in such perspective. To promote such tide, the interwork, sharing and reusing the digital data without converting into analogue data or without truncating it is very important.

Especially in image related area, the technologies to convert and process the image data and its attributes will contribute to produce the virtual outlook of the products without manufacturing and the image analysis by AI will provide further benefit in business.

This special issue of the paper targets various image-related technologies such as image processing, generation, expression, transmission and combined applications of these that support and promote data interwork, sharing, and reusing for the digital transformation era, and calls for any category (Ordinary paper, Short paper, System development paper, Data paper, Practice Oriented Paper) of papers.

#### 1. Topics covered include but not limited to

Image Processing, Image Recognition, Image Detection, Image/Video Communication, Image Input/Output, Computer Graphics, Visualization, Binocular Vision, 3D image processing, Computer Vision, Pattern Recognition, Big Data, Image Databases, Machine Learning, Deep Learning, Understandability, Annotation, Attribute Presumption, Web-based Technology, Security, Creativity, Usability, Interpretability, Human Interface and Interaction, User Experience, Ubiquitous, AR/VR/MR, Other related fundamental / application / systemized technologies.

#### 2. Treatment of papers

Submission paper style format and double-blind peer review process are the same as the regular paper. If the number of accepted papers is less than the minimum number for the special issue, the acceptance paper will be published as the regular contributed paper. We ask for your understanding and cooperation.

#### 3. Publication of Special Issue:

IIEEJ Transactions on Image Electronics and Visual Computing Vol.10, No.2 (December 2022)

#### 4. Submission Deadline:

**Friday, July 29, 2022**

#### 5. Contact details for Inquires:

IIEEJ Office E-mail: [hensyu@iieej.org](mailto:hensyu@iieej.org)

#### 6. Online Submission URL: <http://www.editorialmanager.com/iieej/>