

— Special Section on Data Engineering and Information Management —

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The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on “Data Engineering and Information Management”, which is published in Transactions on Information and Systems*. We invite submissions of original and unpublished papers in the field of wide range of the title.

1. Scope

Original papers on both theoretical and practical data engineering and information management, and its related research are welcome to this special section. The topics of interest include, but are not limited to the following:

- *Data Engineering*: file structure, storage, query processing, query languages, transaction processing, data model, cloud computing, distributed and parallel databases, P2P system, multimedia databases, spatial and temporal databases, mobile databases, sensor databases, data warehouse, OLAP, data mining, XML and semi-structured databases, stream processing, smart computing for big data, infrastructure and platform for smart computing
- *Information Management*: crowd sourcing, meta-data, semantic Web, information and data broadcasting, e-commerce, e-learning, security and privacy, contents technologies, Web services, information retrieval and extraction, summarization, digital libraries, data archive, visualization, user interfaces, recommendation, personalization, graph management, social networks, data integration, probabilistic database, GIS, scientific databases, big data analytics and social media

Papers whose topic are far from data engineering and information management may be rejected without review. Further, even papers having some relevance with "data engineering and information management" may be rejected without review, when their main topic are outside of the area and they require reviewers who have special knowledge of the topic. This special section does not accept SURVEY papers.

2. Submission Guidelines:

- A manuscript should be prepared according to the guideline (https://www.ieice.org/eng/shiori/mokuji_iss.html). We encourage the authors to use the IEICE Style File (<https://www.ieice.org/ftp/index-e.html>). The standard number of pages is 8 for a PAPER and 2 for a LETTER with the format determined by the IEICE Style File. The maximum number of pages for the initial submission of a LETTER is 4.
- **Submit the manuscript and "Copyright Transfer, Article Processing Charge Agreement, Notices from the IEICE, and Privacy Policy" to the IEICE through the IEICE Web site** (https://review.ieice.org/regist/regist_baseinfo_e.aspx). Choose “[Special-DA] Data Engineering and Information Management” in the menu of " Journal/Section " in the submission page.
- Inquiries: Kei Wakabayashi (Univ. of Tsukuba)
Email: kwakaba@slis.tsukuba.ac.jp
- Submission deadline of the manuscript is June 13, 2023 23:59 (JST) (**firm**).

3. Notice to the Authors:

- Upon accepted for publication, all authors, including authors of invited papers, should pay the article processing charge covering partial cost of publication around January 2024. **If payment is not completed by 15 February, 2024 your manuscript will be handled as rejection.**
- The standard period of 60 days between the notification (of conditional accept) and the second submission can be shortened according as the review schedule.
- If there are non-members among the authors, we recommend that the authors take this opportunity to join the IEICE. For detailed information on the IEICE Membership Application, please visit the web-page, https://www.ieice.org/eng_r/join/individual_member.html. If all authors are non-members, the article processing charge for non-members will be applied, except for invited papers.

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