

IEEE BigComp 2026

IEEE International Conference on Big Data and Smart Computing

February 2-5, 2026, Baiyun International Convention Center, Guangzhou, China

<https://www.bigcomputing.org/index.html>

Overview

The conference series on Big Data and Smart Computing aims to provide an international forum for researchers, professionals, and industry practitioners to share their knowledge, experiences, and advances in the rapidly evolving fields of big data technologies and smart computing. It brings together contributions from diverse disciplines including computer science, information technology, and the social sciences, fostering interdisciplinary discussion on emerging challenges, system developments, and innovative applications.

Call for Papers

We invite the submission of original research contributions in the following areas, but also welcome any original contributions that may cross the boundaries among areas or point in other novel directions. BigComp2026 adopts double-blind review policy. Submissions must be properly anonymized, and lack of anonymization will result in a desk rejection.

- Big data analytics and social media
- Big data applications / big data as a service
- Big data ecosystem
- Bioinformatics, multimedia, smartphones, etc.
- Cloud and grid computing for big data
- Crowdsourcing and human-in-the-loop
- Data mining and data science
- Data and information quality
- Disaster analysis
- Infrastructure and platform for big data and smart computing
- Knowledge graph, graph data management and mining
- Machine learning and AI for big data
- Machine learning and AI theory and fundamentals
- Mobile communications and smart location-based services
- Recommender systems
- Search/retrieval and generation of big data
- Security and privacy for big data
- Smart computing models, tools, and devices
- Techniques, models and algorithms for big data
- Tools and systems for big data
- Understanding multi-modal data
- Big data in the era of LLMs

Important Dates (Timezone: AoE)

- Paper submission: September 26, 2025
- Notification of acceptance: November 10, 2025
- Camera-ready: December 1, 2025
- Early registration: January 15, 2026
- Conference dates: February 2-5, 2026

Call for Tutorials

- Submission deadline: October 26, 2025
- Notification date: November 16, 2025
- Tutorial date: one or two days between February 2-5, 2026

Call for Workshops

- Workshop proposal submission due: September 28, 2025
- Workshop acceptance notification: October 28, 2025
- Workshop date: one or two days between February 2-5, 2026

Call for Demonstrations

- Submission deadline: October 26, 2025
- Notification date: November 16, 2025
- Demonstration date: one or two days between February 2-5, 2026

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Guidelines

- Original papers that have not been published previously or are not under review in other journals or conferences will be considered.
- Papers must be formatted in PDF according to the IEEE two-column format for conference proceedings.
- Papers can be either regular or short papers, where regular papers are limited to 8 pages and short ones to 4 pages.
- All papers should be submitted via EasyChair, accessible at: <https://www.easychair.org/my/conference?conf=bigcomp2026>.

Publications

- Accepted papers will be presented at IEEE 2026 and published in the conference proceedings, which are published in the IEEE Xplore Digital Library.
- Authors of selected best papers from the conference will be invited to submit an expanded version for publication in designated special issues of high-impact journals.

Conference Chairs

General Co-Chairs

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- Junping Du (BUPT, China)
- Joonho Kwon (Pusan National University, Korea)

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- Anjia Yang (Jinan University, China)

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Publication Co-Chairs

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Workshop Co-Chairs

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- Young-Seob Jeong (Chungbuk National University, Korea)

Tutorial Co-Chairs

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- Kai Wang (Shanghai Jiao Tong University, China)
- Kijung Shin (KAIST, Korea)

Publicity Co-Chairs

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