

IEEE BigDataService 2018

The Fourth IEEE International Conference on Big Data Service and Applications

March 26 – 29, 2018, Bamberg, Germany

<http://big-datasevice.net/>

Big-Data computing and services have received significant attention in recent years. The IEEE BigDataService 2018 aims to provide a forum for researchers and practitioners to exchange innovative ideas, latest research results, and practice experiences and lessons. Its major objectives include big-data applications in various domains such as healthcare, business and financing, education and learning, social networks and media, urban and environment, sensors and Internet of things as well as technology aspects of big data computing and services such as computing services and architecture, modeling, data mining and analytics. *The conference will be held together with IEEE Conferences SOSE and Mobile Cloud. The conference program will consists of both research and application tracks.*

TOPICS OF INTEREST (INCLUDE BUT NOT LIMITED TO)

Computing and Service

- Scalable computing models, theories, and algorithms
- Modeling, collection, validation, analysis, and visualization
- Infrastructures, Frameworks, platforms, tools, and SaaS
- Big data-as-a-service (Big DaaS)
- Mobile big data computing and services

Modeling and Sharing Technologies and Platforms

- Innovative, concurrent, and scalable big data intelligence analysis
- Knowledge extraction, discovery, analysis, presentation, and visualization
- Knowledge integration, migration, and transformation
- Data indexing, classification, sharing, and assembly
- Open-source development and technology
- Reference, ranking, decision making, and prediction
- Big data system development and tools

Big Data Service Applications

- in multi-media and social networks
- in transportation, urban planning, agriculture, and disaster management
- in surveillance and security
- in robotics and autonomous systems
- in biology, bio-med, and healthcare
- in hospitality and tourism
- Energy and environment control, evaluation, and management
- Enterprise, industry and business

Emerging Topics

- Sensor networks and Internet of Things
- Networking, Big Data Security
- Smart City

PAPER SUBMISSION

Papers must be written in English. All papers must be prepared in the IEEE double column proceedings format. Please see the following link for details:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html.

Research papers are limited to 8 pages, survey papers are limited to 10 pages, and experience/industry papers are limited to 6 pages. Authors must submit their papers at (<https://easychair.org/conferences/?conf=ieeebigdataservice20180>).

PAPER PUBLICATION

All accepted papers will be published by IEEE Computer Society Press (EI-Index) and included in IEEE Digital Library. For publication, at least one author is required to register at the full rate and present the paper at the conference for the paper to be included in the final technical program and the IEEE Digital Library. Selected papers will be invited for extension and published in journals (SCI-Index).



IMPORTANT DATE

Workshop/Tutorial proposals:	10/15/2017
Full paper submission:	11/30/2017
Notification:	12/22/2017
Final Paper and Registration:	1/31/2018
Conference:	3/26-29/2018

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