

Call for Contributions

1. Inform the Chair: with the Title of your Contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=DBKDA+2019+Special>

Please select Track Preference as **DAFRA**

Special track

DAFRA: Advances in Data Infrastructures

Chair and Coordinator

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along with

DBKDA 2019, The Eleventh International Conference on Advances in Databases, Knowledge, and Data Applications

June 02, 2019 to June 06, 2019 - Athens, Greece

<https://www.iaria.org/conferences2019/DBKDA19.html>

Technology has become an integral part of, pretty much, everything in our lives today. Healthcare, economy, campaigns, politics, sports, safety, national security, entertainment, you name it. This widespread adoption of technology is essentially empowered by connectivity (advances in networks and devices) and the availability of Data (processing and analysis). Availability of data relies on advances on a set of data capturing, storing, processing and analysis tools, collectively called Data Infrastructure.

Data Infrastructure technologies and algorithms has witnessed a leap of advancement in last decade. In fact, every single technology provider (from industry, non-profit or government) has such a department that is responsible for developing and delivering the required technologies to the application developers and the data scientists, in order for them to achieve their goals. Data Infrastructure technologies include, for example, data streaming and processing, data replication (aka, availability and fault tolerance), machine learning, and Analytic Query engines.

In this DBKDA 2019's special track (DAFRA). we are interested to showcase such advances.

Topics of interest include, but are not limited to:

- The theoretical foundation;
- Theoretical analysis;
- Systems benchmarking;
- Reflection (e.g., lessons learned, successful/failed experiments)
- Visionary work of Data Infrastructure Technologies related to:
 - Streams Processing, including all its subtopics;
 - Big Data Analytics;
 - Data Processing and Handling for Machine Learning;
 - Data Availability and Fault Tolerance;
 - Multimedia Databases;
 - Data Storage
 - Etc.

Contribution Types

- Regular papers [in the proceedings, digital library]

- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: April 7, 2019
Notification: April 27, 2019
Registration: May 5, 2019
Camera-ready: May 5, 2019

Note: These deadlines are flexible, providing arrangements are made ahead of time with the chair.

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=DBKDA+2019+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

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