

Call for Contributions for

Submission:

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

2. **Submission URL:**

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

Please select Track Preference as **PDA**

Special track

PDA: Predictive Data Analytics

Chair and Coordinator

Prof. Dr. Sandjai Bhulai, Vrije Universiteit Amsterdam, the Netherlands

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along with

DATA ANALYTICS 2019, The Eighth International Conference on Data Analytics

<http://www.iaria.org/conferences2019/DATAANALYTICS19.html>

September 22, 2019 to September 26, 2019 - Porto, Portugal

Predictive data analytics is the use of data, statistical algorithms and machine learning techniques to identify the likelihood of future outcomes based on historical data. The goal is to go beyond knowing what has happened to providing a best assessment of what will happen in the future. Built upon computer science and statistics and bolstered by devoted conference and university degree programs, predictive data analytics has emerged as its own discipline.

This special PDA track welcomes submissions that make significant contributions to the predictive data analytics field both in terms of theory and in applications. From the theoretical perspective, interesting developments are the progress in machine and deep learning for predictions and the advances in techniques that deal with a mix of structured and unstructured data. From the practical perspective, new applications areas, such as human resource analytics, predictive emergency services, traffic analytics, marketing analytics, etc., are developing in new ways through predictive data analytics. This special track will highlight both parts and share best practices in this domain.

Topics include, but not limited to:

- Applications of predictive analytics in industry
- Predictive techniques from data mining and machine learning
- Advances in statistical algorithms for prediction
- Deep learning for prediction
- Evaluation of predictive techniques
- Techniques for unstructured data

Important Datelines

Inform the Chair: As soon as you decide to contribute

Submission: July 26, 2019

Notification: August 16, 2019

Registration: August 26, 2019

Camera-ready: August 26, 2019

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

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]

Paper Format

- See: <http://www.iaia.org/format.html> [both LaTeX and .doc templates]
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>
- More information on camera ready preparations will be posted after the paper notifications are sent out.

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

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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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