

## 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+2018+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 2018**, The Seventh International Conference on Data Analytics

<http://www.iaria.org/conferences2018/DATAANALYTICS18.html>

November 18 - 22, 2018 - Athens, Greece

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 decided to contribute

Submission; ~~August 4~~ **October 5**

Notification: ~~September 4~~ **October 20**

Registration: ~~September 15~~ **October 30**

Camera-ready: ~~September 25~~ **October 30**

*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](http://www.iaia.org)]
- Presentations: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Demos: two pages [posted on [www.iaia.org](http://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**

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=DATA+ANALYTICS+2018+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>

### **Contacts**

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