

Call for Contributions

Inform the Chair: with the Title of your Contribution

Submission URL:

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

Please select Track Preference as **AMLBD**

Special track

AMLBD: Applications of Machine Learning and Big Data in a Business Intelligence Context

Chair and Coordinator

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along with

BUSTECH 2019, The Ninth International Conference on Business Intelligence and Technology

<http://www.iaria.org/conferences2019/BUSTECH19.html>

May 05, 2019 to May 09, 2019 - Venice, Italy

Business Intelligence is a fast evolving field. Although machine learning has long been used in areas such as data mining, the growth of Big Data has led to an increase in machine learning applications in Business Intelligence and to changes in the ways in which machine learning is applied. Big Data applications are becoming more readily available allowing smaller organisations, such as SMEs, to extend their Business Intelligence applications to include data generated from social media and sensors. Increased opportunities for Business Intelligence bring with them new challenges. Identifying the Business Intelligence requirements of organisations becomes more difficult in a Big Data environment and data quality and data curation challenges increase with data volumes. Some applications require specialist knowledge and there are resource and analytical issues.

This special track discusses the real-world challenges presented by the use of Machine Learning and Big Data in Business Intelligence, with a special focus on the implications for SMEs.

Topics encompass, but are not limited to:

Big Data; Big Data and Business Intelligence; Big Data Analytics; Sentiment Analysis; Text Mining; Natural Language Processing; Data Mining; Machine Learning and Business Intelligence; Machine Learning algorithms; Supervised and Unsupervised Data Mining; Information needs of SMEs; Business Intelligence for SMEs; Data quality in Big Data; Evaluating Machine Learning for Business Intelligence; Evaluating the contribution of Big Data to Business Intelligence; Business Intelligence skillset; Data Curation for Business Intelligence; Applications of Big Data in Business Intelligence; Applications of Machine Learning in Business Intelligence; Business Intelligence and Big Data case studies; Big Data and Business Intelligence frameworks; adoption of Big Data and Machine Learning in a Business Intelligence environment; Big Data and Machine Learning technologies for Business Intelligence

Important Datelines

- Inform the Chair: As soon as you decided to contribute

- Submission: ~~Dec 22, 2018~~ **March 10, 2019**
- Notification: ~~Feb 24, 2019~~ **March 30, 2019**
- Registration: ~~Mar 9, 2019~~ **April 8, 2019**
- Camera ready: ~~Mar 20, 2019~~ **April 8, 2019**

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.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.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.iariasubmit.org/conferences/submit/newcontribution.php?event=BUSTECH+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.iaria.org/registration.html>

Contact

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