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=ALLDATA+2019+Special
Please select Track Preference as **MLDLI-4.0**

Special track

MLDLI-4.0: Machine Learning and Deep Learning for Industry 4.0

Chair and Organizer
Houda Bakir, CEREP - Institute National Supérieur d'Ingénieurs de Tunis / Datavora, Tunisia
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along with

ALLDATA 2019, The Fifth International Conference on Big Data, Small Data, Linked Data and Open Data
March 24, 2019 to March 28, 2019 - Valencia, Spain
https://www.iaria.org/conferences2019/ICN19.html

Machine Learning (ML) and Deep Learning (DL) research are fast evolving fields, especially in this last decade. Everyday we invent new applications using Artificial Intelligence (AI) from art to surgery. This success story was the accomplishment of years of study and research since Alan Turing's 'Intelligent machinery' 1948 article. It is also the result of the open source datasets made available for researchers, e.g., for computer vision, CIFAR-10/100, ImageNet, PASCAL VOC and COCO. They were available for benchmarking classification algorithms and for the improvement in the original Convolution Neural Network model by the Region-based Convolution Network (R-CNN), Fast R-CNN and Faster R-CNN or Inception architecture, and so on.

Data is the source power of deep learning and AI. Google and Facebook are not one of the world champions in Artificial Intelligence by chance.

Ideally topics should connect to the following, but not limited to:

- Dataset for industries
- Machine Learning (ML) approached
- Deep learning (DL) fundamentals
- Dysfunction Prediction using DL and ML
- IoT (Internet of Things) for industries
- IoT data Collection
- IoT for Energy Management
- Sensing in Industry 4.0
- IoT and Industry 4.0
- Smart Grid
- Special applications (security breach detection; object detection; real-time video analysis; signal/ image classification, etc.)

Important Datelines
     Inform the Chair: As soon as you decided to contribute

Submission: Jan 29, 2019
Notification: Feb 18, 2019
Registration: Feb 27, 2019
Camera-ready: Feb 27, 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
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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

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