

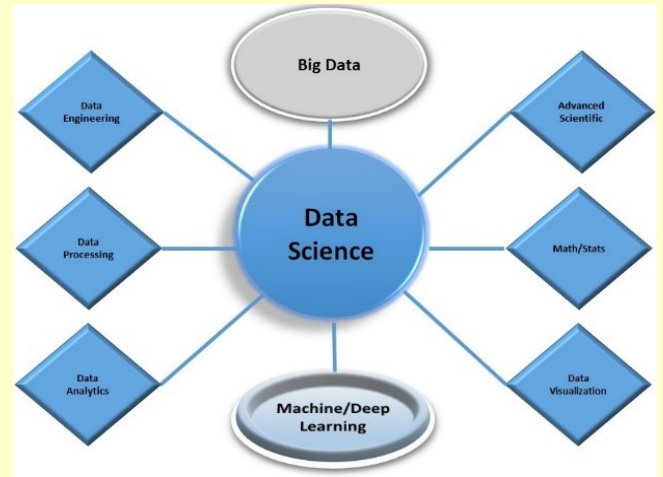
# First Data Science School

## from data to value and knowledge

Dec. 6- 14, 2018

Institute of Mathematics and Physics (IMSP) , Dangbo, Rep. of Benin

Data Science combines several disciplines, including data engineering, advanced statistics and probability, software programming, to derive knowledge and insight from structured and unstructured data. Through a blend of theoretical and practical sessions, this data science school will help the participant make and produce operational value and knowledge. The school is aimed at graduate students (PhD and M.Sc.) as well as data analysts and practitioners.



### Topics

1. Big Data Science (Intro and IoT applications)
2. Data Engineering with NoSQL
3. Data Processing with Spark
4. Data Analytics and Machine Learning
5. Data Visualisation
6. Deep Learning with Tensorflow
7. Case Studies and New Trends

### Scientific committee

1. **Patrick Valduriez**, NRIA, France
2. **Marco Zennaro**, ICTP, Italy
3. **Antoine Bagula**, UWC, South Africa

**How to apply:** Online application at :

<https://sites.google.com/imsp-uac.org/data-science-school>.

Submit your resume and publication list before

**October 1<sup>st</sup>, 2018.**

**Contact:** [datascienceschool@imsp-uac.org](mailto:datascienceschool@imsp-uac.org)

**Main sponsors:** Institute of Mathematics and Physics Sciences / University of Abomey Calavi / African Centre of Excellence in Mathematical Sciences and Applications / Ministry of Scientific Research, Benin.

### Main speakers

**Mathias Adankon**, National Bank of Canada

**Carlyna Bondioumbouy**, Ysance, France

**Roch Glitho**, Concordia University, Canada

**José Quenum**, NUST, Namibia

**Stéphane Senecal**, Orange, France

**Habid Sidi**, Rintio/Inria, France

### Organizing Committee

From IMSP ([www.imsp-benin.com](http://www.imsp-benin.com)) :

**Leonard Todjihounde, Joel Tossa, Guy Degla, Joel Hounsou, Jules Dégila, Hénoc Soude, Pélagie Hounguè, Jacques Hounbo, Esther Chabi Adjobo.**

### Registration

The registration fees are \$200 per participant.

### Grants

ACE-MSA will provide a limited number of grants. Priority will be given to female participants from West and Central African countries.

