Laboratoire de Mathématiques
Nicolas Oresme - LMNO
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Certificate

written by Faicel Chamroukhi, Full Professor at Université de Caen, Laboratory of Mathematics Nicolas Oresme (LMNO) - UMR CNRS 6139.

Object : Certificate of participation to S4D 2018 : International Research Summer School on Statistics for Data Science (S4D), 18-22 June 2019, Caen, France

To whom it may concern,

I, Faicel Chamroukhi, Full Professor at Université de Caen and the organizer of the International Research Summer School on Statistics for Data Science (S4D) https://s4d.sciencesconf.org/, certify that:
M. Jacques EVERWYN
University of Caen & AIRBUS
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attended the summer school and participated to all the courses.

Large-scale data analysis is an inherently multidisciplinary area and is becoming increasingly important in the today's society where we are confronted with the "Big Data" phenomenon, which are data on a large-scale in terms of dimension, volume, and complexity. The international Research Summer School on Statistics for Data Science (S4D) is a multidisciplinary international summer school at the interface of several disciplines: statistics, computer science (machine learning), optimization and signal processing, with a focus on probabilistic/statistical formulations of recent methodologies dedicated to the problem of learning from large-scale complex data. It involved, during 5 days, for an audience of PhD students, engineers, postdocs and scientists, several international pioneering scientists in modern statistics, machine learning and artificial intelligence to present their expertise on both theoretical and technical aspects of models and algorithms to address data science problems with a focus on large-scale/high-dimensional scenarios.

The objectives of the talks were to:

- present the basic developments of models for phd students and practitioners to understand the basics of the domain;
- highlight for students, scientists and practitioners the major scientific issues necessary for the development of such models and on the related theoretical and computational problems;
- present and analyze the latest theoretical advances in modeling and practical considerations regarding statistical learning, classification, representation, of large-scale raw data, in various application area.

Best Regards.

Caen, June 24, 2018
Faicel Chamroukhi

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