<p style="text-align:center">1st. International Symposium TBMS'2019 on:</p>

Big-Data-Analytics Technologies for Strategic Management: innovation and competitiveness.

February 6-7-8, 2020 Tunis (Tunisia)

https://tbms2019.loria.fr/

Organization in the event of the International Multi-Conference OCTA'2019
On: "Organization of Knowledge and Advanced Technologies" (https://multiconference-octa.loria.fr/)

Links to CFP projects:

– OCTA'2019 *:* SIIE'2019 & ISKO-Maghreb'2019 & CITED'2019 & TBMS'2019 –

For reasons of the electoral calendar (ie. presidential and parliamentary elections) of the Tunisian Republic as the host country of the OCTA'2019 multiconference, the Presidents of OCTA took the decision to modify the organization dates in order to bring to authors, speakers and participants more serenity, best conditions and peace of mind to their work in this exceptional scientific setting.

Important Dates:

Papers due (**new deadline**):	**NOV. 15 th, 2019**
Notification of acceptance:	**DEC. 15 th, 2019**
Final paper & Camera-ready due:	**DEC. 20 th, 2019**
Registration for authors (**new deadline**):	**JAN. 5 th, 2020**
OCTA'2019 days (**new dates**):	**FEBRUARY 6-7-8 th, 2020**
Best Paper Awards:	**FEBRUARY 8 th, 2020**

Description:

« Big-Data-Analytics Technologies for Strategic Management: innovation and competitiveness ».

States like companies and organizations reorganize themselves in a serious way to the treatment of big masses of information: it is the advent of Big Data. As other economic, industrial and social actors radically reorganize their activities around the management of this data in Big Data. For example, « Chief data officer » in the United States, « Chief digital officer » responsible for the « Government Digital Service » in Great Britain, « General Data Administrator » in France, etc. These public administrators are responsible for ensuring that the country values its data, presented as new sources of material and intangible growth unexplored or partially.

The same phenomenon of Big Data is at work in the academic world with more enthusiasm. In line with major research centers such as the Media Lab (1985) of the Massachusetts Institute of Technology (MIT), many universities have created centers dedicated to the analysis of Big Data in constant evolution with the « Data Science ». For the humanities, it is the birth of the « Big data and Society » which aims to study Big Data and their impact on societies « . These are the practical Big Data implications and how they reconfigure the relationships, the expertise, the methods, the concepts and the academic knowledge in the social, professional and business sectors.

If Big Data interest but also evoke multidisciplinary debate? The enthusiasm of the artisans of these techniques is not always shared. In this case, the repeated revelations of massive surveillance of populations, the research world as well of civil society highlight the dangers of these methods, which can quickly turn into powerful technologies of government: a conscious and instrumental will to serve economic, political-societal and ideological interests.

Today, we have more data than ever before in human history. Data volumes multiplied by 100 between 1987 and 2007, then doubled on average every year. An increase infinitely greater than that caused by the invention of printing (J. Gutenberg), which had resulted in a doubling of data over 50 years.

Thus, comprehensive data set analysis can change our view of the world. The contribution of Big Data remains a project that insinuates reason and rationality in our complex world. If the scientific method is based on the premise that one can derive from abstract theories concrete assumptions about reality. The assumptions themselves can be tested using the data collected for this purpose. In this reasoning, Big Data will profoundly alter these two rational foundations, not to challenge scientific rationality, but to move it to a higher stage: for a more complex, broader and more exact interpretation of reality.

In a transdisciplinary enthusiasm, Big Data allows us to no longer bend reality to categories a priori and now to let the data give us themselves the categories which contain while faithfully reflecting the reality.

TBMS'2019 International Symposium on « **Big-Data-Analytics Technologies for Strategic Management: Innovation and Competitiveness** » explores the practical implications of Big Data and how it reconfigures relationships, expertise, methods, concepts and academic knowledge in all sectors: social, professional and economic.

Main Topics:

The TBMS'2019 conference subjects and topics of interest include, but are not limited to:
1- Architectures, approaches and methods of designing Big Data,
2- Mathematical models for Big Data,
3- Big Data technologies and their applications,
4- Design Thinking for Big Data,
5- Societal Applications of Big Data: Transformations of the world and society
6- Applications « Data Science » and Big Data,
7- Big Data Analytics and Learning Analytics applications,
8- Recommendation systems and Big Data,
9- Strategic Management and Big Data Analytics,
10- Predictive Management, Strategic and Operational Control based on Big Data,
11- Big Data in evolution with Artificial Intelligence (AI),
12- Collective intelligence in Big Data Anlytics representations.

Committees:

Program committee:

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• Sahbi SIDHOM (Université de Lorraine & LORIA Lab., France)
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Submission & Guidelines:

Paper Guidelines:

A. Languages of the Symposium:

– Papers in submission can be presented in **French or English**.
– Papers in final version must be written in **English** only for the purpose of publication in proceedings.
– All presentations (or datashow) for Papers or Posters must be written in **English** only, but the discussions are allowed in **French and English**.

B. Format of papers & selection criteria:

*Author's proposal can be submitted in **detailed abstract** (Title, Keywords and Abstract) or in **full text**. After Reviewing, author's paper should be **in full text and well written in English**.*

– For academics, PHD-candidates, Post-Doc and students: all papers must not exceed 15 pages in .DOC, .RTF or .PDF format (Times 12 Single line spacing).

– For professionals, R&D engineers and equivalents: all full abstracts with details must not exceed 5 pages in .DOC, .RTF or .PDF format (Times 12 Single line spacing) for Posters.

C. Article Templates:

Authors are invited to download the following templates according to "The Template and Instructions" on How to Create Your IEEE Paper (double column text, which can be used for peer review and final submission) :
URL: Use these article templates for all IEEE Computer Society journals.
– **DOC or PDF Format (in Article Templates):**
Templates for Computer Society Journals

Paper Rating:

1. Reviewing:
– The relevance of the proposals: The Scientific Committee will evaluate the relevance of each proposal submitted and will propose modifications if necessary. In the final version of the proposal, the author must respect the modifications requested.
– The acceptance criteria are as follows: originality of the contribution, importance for the theme and impact on future scientific work, significance of the results and quality of the presentation.

2. Submission plateform:
– Dear authors, we invite you to submit your contributions on TBMS'2019 the **EsayChair Conference System** website: https://easychair.org/conferences/?conf=tbms2019
– If you do not have an **EasyChair** account, we first invite you **to create one** on the same address.

3. Anti-plagiarism charter:
As part of the anti-plagiarism policy, articles will be submitted to compilatio software anti-plagiarism (https://www.compilatio.net/)

Registration and Fees:

– TBMS'2019 will be organized in the event of the International Multi-Conference OCTA'2019 on "Organization of Knowledge and Advanced Technologies" (https://multiconference-octa.loria.fr/);
– Fees & registration of TBMS'2019 on: https://multiconference-octa.loria.fr/registration/

Conference Venue:

Tunis (Tunisia) in : **ALECSO Tunis**

المنظمة العربية للتربية والثقافة والعلوم

Arab Organization for Education, Culture and Science.
Organisation arabe pour l'éducation, la culture et la science.

ALECSO **(https://www.facebook.com/Alecso.org.tn/). Avenue Mohamed Ali Akid, Tunis 1003.**