



Data Value Chain in Science & Territories

14 & 15 March 2019

Paris - Val d'Europe

Organised by Comité CODATA-France, Paris-Est Marne-la-Vallée University, *Institut Francilien d'Ingénierie des Services* and Dicen-IdF Laboratory

One of the main challenges, in most fields, is to handle and process a huge amount of data coming from a large spectrum of professional, scientific or open sources. This data, by nature heterogeneous and generated by people, systems, things (IoT) and intelligent networks, may be handled directly or transmitted by different remote operations.

This raises several technical and societal problems with respect to data coherence and quality, data privacy and protection, as well as the need to develop original techniques and powerful tools for collecting and processing large volumes of data.

In a multidisciplinary approach centred on Information and Data Science, the conference focuses on how to raise, retrieve, and build relevant datasets and knowledge from different fields to manage and optimise data evaluation and also aims at a transversal approach between different domains, techniques, processes, strategies and uses of data.

The contributions can report:

- specific cases,
- generic models,
- constructivist and critical postures.

Inter-disciplinary contributions, both in engineering or in human and social sciences are expected to discuss the paradigm of data as a source of information, knowledge, and various indicators.

MAIN THEMES (not limited)

-**Data acquisition**: IoT (Internet of Things), smart grids, open data, sensors, data quality, data security, data protection and privacy...

-**Data typologies**: characterisation of the different types of data

-**Data quality**: data repositories, data cleaning, data validation, ethics, missing data

-**Data processing**: standardisation, interoperability, data modelling, visualisation

-**Knowledge discovery**: data mining, data analytics

-**Data mediation**: interoperability, data management in organizations, interfaces

-**Data services**: data processing platforms, industrialisation of data processing, data literacy

-Application fields: public health and social policy, smart healthcare, smart tourism, building engineering, etc.

Submitted Extended Abstract may be in English or in French

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ABSTRACT SUBMISSION

Authors are requested to send an Extended Abstract of 5 000 to 6 000 characters (including spaces) in French or English.

Papers will undergo a double-blind peer-review process.

Authors whose proposal of communication will be accepted (possibly with modifications) will be invited to produce a complete text of 25 000 to 30 000 characters (including spaces) with - for the French texts a summary in English- for presentation and diffusion in the form of proceedings (with ISBN).

Accepted contributions will only be included in the proceedings if at least one of the authors is present at the conference and has paid the registration fee.

ONLINE SUBMISSION

The Data Value Chain in Science and Territories international conference uses the online application ConfTool Pro for the contribution submission and registration

[Click here to submit our Extended Abstract.](#)

[Click here to consult the guidelines submission.](#)

IMPORTANT DATES

Deadline for Extended Abstract submission: **October 15th 2018**

Program committee decision: **November 30th 2018**

REGISTRATION

Registration for the congress will open on December 1st, 2018.

Registration includes:

- access to sessions,
- proceedings,
- conference documents (program badge, bag ...),
- refreshments during breaks and 2 lunches.

The payment terms will be specified at the time of registration opening.

[Click here to consult the registration fees.](#)

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