



Information and Communication Technologies  
in Organizations and Society  
*Smart Technologies for an inclusive world*  
Paris, October 1st and 2nd, 2020



## Track Proposal for ICTO2020

### TRACK: Data Ecosystems – Learning from theory and practice

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#### OVERVIEW OF TRACK

##### 5 to 10 sentences

As contemporary social challenges become more and more complex, responses to these issues have begun to exceed the capacity of any one agency and require better coordination between stakeholders, and thus the emergence of ecosystems and the underlying data ecosystems.

This track welcomes contributions from a large range of perspectives and disciplines, both from theoretical and practical standpoints.

Indeed, data ecosystems are a crucial condition ensuring the success of digital transformation, requiring a combination of technical and organizational orchestration. In this context, disruptive technologies, and specially Artificial Intelligence, are not only contributing to solve social challenges but also to overcome technical limitations, such as the development of algorithms for data cleaning.

From the economic and social science perspectives, the sustainability of the data ecosystem calls for new deals between private, public sector, civil society and researchers, and relies also on the identification of strong business models.

## INDICATIVE LIST OF TOPICS

The following topics are not intended to be exhaustive but are of interest to the track.

- Data ecosystems for digital transformation
  - Open Data ecosystems
  - Sustainability of data ecosystems
  - Ecosystem orchestration
  - Ecosystem mapping
- Data requirements for Artificial Intelligence
  - Data quality and availability
  - AI solving data poor issues, with focus on social challenges
- Data value
  - Data commoditisation
  - Private Public Partnerships
  - Data marketplaces
- Feedback from practice
  - Smart cities / regions initiatives
  - Contributions to UN Sustainable Development Goals

## IMPORTANT DATES

- Paper Submission Opens: **April 1<sup>st</sup>, 2020**
- Paper Submission Deadline: **June 15<sup>th</sup>, 2020**
- Authors Notification: **July 31<sup>st</sup>, 2020**
- Final Submission: **August 31<sup>st</sup>, 2020**
- Conference Dates: **October 1-2, 2020**

## PAPER SUBMISSION GUIDELINES

Authors should submit original, unpublished research papers. All accepted papers will be published in a volume of the Springer Scopus indexed LNISO. Submissions should not be under consideration for any other conference or journal outlet. Submission of papers in PDF format is via Easychair.

<https://easychair.org/conferences/?conf=icto2020>