



in partnership with



Scientific Conference on

*“Measuring and Interpreting World Changes with Statistics,
Data Science and AI”*

at the

Sapienza University of Rome

(Department of Statistical Sciences, 5 Aldo Moro Square)

18-20 September 2024

CALL FOR PAPERS

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The ASA – Association for Applied Statistics, in partnership with ISTAT – The Italian National Institute of Statistics and the Sapienza University of Rome – Department of Statistical Sciences, jointly with the following organizations (provisional list):

- **AICQ-CN** – Italian Association for Quality Culture (north and centre of Italy)
- **AISS** – Italian Academy for Six Sigma
- **ASSIRM** – Italian Association for Marketing, Social and Opinion Research
- **EUROSTAT** – The European Union Statistical Office (to be confirmed)

- **ESAC** – The European Statistical Advisory Committee (to be confirmed)
- **Comune di Roma** – Municipality of Rome (to be confirmed), and
- **Unioncamere** – The Italian Union of the Chambers of Commerce (to be confirmed)

organise a mixed-mode on-site/web scientific conference to promote original statistical methods and applications to support the decisions for world change in companies, public bodies and social organisations. Contributions to enhancing the joint use of statistics, technology and artificial intelligence (AI) to improve commercial and public activities are welcome.

Presentation of the Conference

Societies are affected by continuous crises and emergencies of various kinds which are stressing the capability of advanced societies to grant current living standards to people, sustainable economic growth and environment safeguard. Moreover, both the irreversible digitalisation process of informative systems and the advent of AI pose new technical challenges to researchers and decision makers. To make the most effective use of the growing amount of information available, both from administrative and survey sources, managers need to develop in-house expertise in the statistical analysis of this information amount.

This conference aims to discuss how statistics, jointly with technology and AI, can support decision makers in their activities and be the forum in which managers and public administrators can express their knowledge needs to the audience of applied statisticians.

As in its tradition, the ASA conference is, however, open to original contributions to every field of statistics and on any application using statistics as an analytical method, even outside the specific topic of “Measuring and interpreting world changes with statistics, data science and AI” chosen for this specific edition.

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Local Organising Committee

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Rosa Fabbriatore (Federico II University of Naples)
Sofia Urbani (La Sapienza University of Rome)

Submission of abstracts and contributed papers

Contributed papers are welcome. Concerned scholars are invited to submit to the Scientific Committee an abstract in English, of no more than 300 words, with title, authors' name, company or institution they belong to, and email included.

The official conference languages will be Italian and English. A good practice would be to write the slides in English, so that all participants can follow all presentations.

Conference session topics

Conference session topics include, but are not limited to, the following areas of special interest:

Data science	Artificial Intelligence - AI
Decision making techniques	Health and well-being analysis
Education and research evaluation	Service quality (measurement and control)
Welfare evaluation	Quality of food and beverage
Tourism	Social effects of ageing
Environment and pollution	Youth distress
Productivity and wages	Women's rights
Marketing research	Risk measurement and control studies
Impact assessment	Economic and social implication of innovation

Conference Deadlines

- **May 31st, 2024:** abstract submission (max 300 words).
- **July 31st, 2024:** early bird reduced accreditation fees (see below).
- **From August 1st, 2024:** regular accreditation fees (20 euros on top of the pertinent early bird fee)
- **September 15th, 2024:** short paper (4 - 6 pages) submission, only for those who wish to be published in the conference Book of short papers (with DOI and ISSN).

Accreditation fees are requested to at least one of the authors of each contribution (abstract and/or short paper) and for any participant to the conference.

Conference Fees

For ASA associates who are up to date with annual fees (until 31st July 2024):

- Early bird reduced accreditation fees amount to €130;
- Special early bird reduced fees for junior participants*: €70;

For ASA associates who are not up to date with annual fees (until 31st July 2024):

- Early bird reduced accreditation fees amount to €130+annual ASA enrollment fee;
- Special early bird reduced fees for junior participants: €70+annual ASA enrollment fee;

For other participants (until 31st July 2024):**

- Early bird reduced accreditation fees amount to €200;
- Special early bird reduced fees for junior participants*: €130;
- Special early bird reduced fees for (senior) ISTAT scholars: €140;

From 1st August 2024 on all participants are required to pay 20 euros more than the pertinent early bird fee.

*Junior participants are students and unstructured until 32 years old at the conference start.

**Participants not belonging to ASA but paying the conference accreditation fees are associated to ASA till the end of 2024 year.

Publications

Authors of both invited and spontaneous papers are invited to submit a 4-6 page short paper in English (in addition to the abstract of their presentation). The template for the paper can be downloaded from the conference website. The submitted short papers will be published after a

'blind reviewing' process.

The reviewed papers will be published in the **Book of Short Papers of the 2024 ASA Conference titled *Measuring and Interpreting World Changes with Statistics, Data Science and AI***, with DOI and ISSN, as a special issue of the journal *Statistica Applicata – Italian Journal of Applied Statistics*.

Alternatively, some short papers will be considered for publication in the following scientific journals:

- *Micro & Macro Marketing*
- *Quality & Engineering*

Conference website and contacts

Other information can be found on the Conference website:

<https://cess2022.dss.uniroma1.it/event/10/>

The Conference Secretariat can be contacted also through the following email address:

asa2024.dss@uniroma1.it