



## CALL FOR ABSTRACTS

### ***Improve, connect, understand: Data and statistics in the age of artificial intelligence***

Whether in research, business, public administration or society – data and statistics form the basis of our decisions and are a cornerstone of our democracy. Technological advances have increased data availability and the potential for data analysis and processing in unprecedented ways. Machine learning (ML) and artificial intelligence (AI) offer tremendous opportunities, but their applications also raise technical, ethical and legal questions.

The 2026 Swiss Statistics Meeting provides a platform for the exchange of ideas on forward-looking, AI-driven applications, collaborative approaches, the fundamentals of data science and strategies to strengthen data literacy. Contribute your work and take an active role in shaping the dialogue on the use of reliable data and statistics as a basis for innovation and public trust.

### **Contributions will be considered on the following topics:**

1. **Data as a basis for innovation and knowledge**
  - a. Development and sustainable management of data sources
  - b. Creation and use of new databases, data architectures and data portals (e.g. using statbots)
  - c. (Linked) open data, open code and the role of machine readability.
  - d. “Once only”, data-driven interoperability and multiple use of data
  - e. Ensuring data quality and reducing system-related error
2. **Opportunities and challenges arising from machine learning and AI**
  - a. AI methods: new developments and proven approaches in statistics
  - b. Fairness, bias and ethics in AI models
  - c. Transparency, explainability and traceability of algorithms
  - d. Limitations and risks when using ML/AI
3. **Advances in applied data analysis and communication**
  - a. Innovative methods: projections, scenarios, (micro-) simulations, experiments and “digital twins”
  - b. Tools for modelling, visualisation and communication of data
  - c. Promotion of data literacy and statistical literacy
  - d. Modern methods for publishing and communicating results, processes, and algorithms
  - e. Use and further development of modern programming languages (e.g. R, Python)
4. **Collaboration and trust in data**
  - a. Fostering collaboration between government, science, business and civil society in data-related projects
  - b. Strategies and governance: developing standards for interoperable, efficient and sustainable data use
  - c. Data protection, “differential privacy” and ethical handling of data
  - d. Building trust through transparent and responsible data use
  - e. Success stories: interdisciplinary collaboration and data-driven innovation

### **Details**

Papers can be presented in French, German, Italian or English. The presentation should be given in the language of the title submitted in your application. Papers on scientific topics and academic research are welcome. The content can be presented either as a 20-minute presentation (max. 15 minutes for the presentation and 5 minutes for questions) or in the form of a poster.

Please send us the title and abstract of your project (one A4 page maximum) using the Word template available on the webpage, specifying the presentation format (presentation, poster, etc.). You can also send us your abstract directly on the webpage ([www.statistiktage.ch](http://www.statistiktage.ch)).



## Workshop report

Especially in the field of AI and machine learning, many projects are still in their early stages. Through the “work-in-progress report” format, we aim to provide an opportunity to give a five-minute talk presenting your project, followed by a fifteen-minute discussion (reversing the usual format of a fifteen-minute presentation and five-minute Q&A).

## Workshops

The Swiss Statistical Society aims to promote the exchange of skills and experience between its members. People with specific expertise in data analysis or data science are therefore invited to run a mini-course (e.g. a presentation of around 20 minutes followed by one or two simple examples or exercises for participants with little experience as well as more complex examples). The format will be specified in due course depending on interest. If you would like to organise a course like this, please email [sst@statistiktage.ch](mailto:sst@statistiktage.ch).

## Let’s talk!

Ideas for other formats such as round tables, world cafés and lightning or fishbowl presentations are very welcome. Please send your suggestions to [sst@statistiktage.ch](mailto:sst@statistiktage.ch) by 20 March 2026.

### Deadline for submission of abstracts:

**New 10.04.2026**

The committee will let you know whether your entry has been selected by the end of May 2026.

### Preliminary information:

Deadline for submission of presentations:

**11.08.2026**

Important: Please bring the poster with you on the day of the conference.