



# SDS2019

SWISS CONFERENCE  
ON DATA SCIENCE

## Call for Papers - Academic Track (IEEE technically co-sponsored)

The 6<sup>th</sup> Swiss Conference on Data Science – SDS2019 – brings together researchers, opinion-leaders, practitioners, decision-makers, and innovators with interest in data science. The goal of SDS2019 is to foster the exchange of innovative and groundbreaking ideas for data products and data science methods, tools, and use cases. Following the motto „together we move faster“, we also foster the expansion of the community and network of data scientists and engineers from academia and industry.

## Topics of interest

We invite submissions of original research papers related to all aspects of data science, especially best practice and use-case oriented research work with technical depth and practical applicability. We also highly welcome innovative demos, show-cases, and awesome data products. Topics of interest include (but are not limited to):

- artificial intelligence and autonomous machines
- big data mining and analytics
- data mining applications in healthcare, finance, and industry
- data ethics and society
- data integration, governance, and sharing
- data intelligence and security
- machine learning
- natural language processing and analysis
- predictive modeling and analytics
- spatial data analysis
- techniques and tools for data science
- user interfaces and data visualization

## Submission

- Full Paper – present high-quality research contributions, including experiment, analysis, or system papers, as well as descriptions of industrial and application results. Each submission can have up to 6 pages incl. references.
- Short Paper – present late-breaking results, work in progress, follow-up extensions, application case studies, or evaluations of existing methods. Each submission can have up to 2 pages incl. references.
- Roundtable Discussion – intimate, moderated group discussions of current topics important to the field of data science. The objective is to trade ideas and thoughts with other engaged individuals with similar interests and questions. Submissions can have up to 1 page and needs to contain an abstract, a description of the questions or pointers to the controversy of the topic, and a short biography. The duration of each session is 30 minutes, including topic introduction (~5 mins) of the topic leader.

All submissions must be original works that have not been published previously in any conference proceedings, magazine, journal, or edited book. Concurrent submissions are strictly forbidden. If it is determined that a manuscript is simultaneously under the consideration by another publication venue, the manuscript will be rejected. Submission of papers implies intention to register and present the related content at the conference. The program committee will carefully review the submissions. Excellent content and presentation as demonstrated in the submission are mandatory for acceptance. Accepted submissions will be presented in English by the authors at the conference. Proceedings papers presented at the conference will be submitted for inclusion in the IEEE Xplore digital library. All submissions must be formatted by following the following the [IEEE 8.5" x 11" two-column format](#).

### Important Dates

– 1 <sup>st</sup> February 2019: Paper submission deadline	– 15 <sup>th</sup> March 2019: Author notification
– 1 <sup>st</sup> May 2019: Camera ready papers deadline	– 14 <sup>th</sup> June 2019: Conference takes place in Kursaal, Bern



Swiss Alliance for  
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