

SDS2022

SWISS CONFERENCE
ON DATA SCIENCE

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Call for Participation - Business Track

Data Science stands on the frontline of new scientific discoveries and plays a significant role in all aspects of our everyday lives. **The 9th Swiss Conference on Data Science - SDS2022** - brings together researchers, developers, opinion leaders, decision makers, and innovators with expertise in Data Science. The goal of SDS2022 is to foster the exchange of novel ideas for Data Science. 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 talks related to **all aspects of Data Science**, especially best practice and use-case oriented work with technical depth and practical applicability. We especially want to solicit work in four key areas in the coming year, namely:

- **AI for Cybersecurity and Data Protection**
Data collection and Artificial Intelligence (AI) algorithms are becoming the cornerstone of the cybersecurity industry. And at the same time we have to think about how we can ensure the security requirements of critical applications and the safety and confidentiality of data communication and processing.
- **AI for Humanity**
We already observe that AI-based innovations are powering some of the most cutting-edge solutions we use in our daily lives and in almost every field of industry. It is therefore only natural to use AI also to solve the challenges of humanity such as how to tackle climate change, health challenges (e.g., pandemics), the future of food, energy and transportation and other social good use cases.
- **Developing, deploying and operating machine learning-based systems (MLOps)**
Data Science is more than creating prototypes. MLOps focuses on managing and automating machine learning pipelines and therefore creating real and sustainable business applications. We will address the whole development-operations-life-cycle including pipeline maintenance, data collection & access, infrastructure, operational aspects, delivery to production and many more.
- **Implementing socially-acceptable data-based applications**
A wide range of Data Science solutions are in place. However, there are big differences between the technical implementation and the social perception of these solutions. Therefore, we want to understand deeper how to build socially accepted data-based applications.

Submission

Business Talk – presentation covering technological aspects, deployment and use of solutions in Data Science. Submissions should be in pdf format and have a maximum length of 2 pages and contain all of the following elements:

- a title
- an extended abstract of no more than 500 words and explaining an impactful and novel application with facts and figures
- a description of the target audience
- an outline of the intended talk
- a short author biography

The Business Program Committee will carefully review the submissions. Excellent content demonstrating data-driven value creation, business impact and innovation in the submission are mandatory for acceptance. Accepted submissions will be presented in English by the authors at the conference.

Important Dates

~~Feb 18, 2022~~ **March 01, 2022**: Submission deadline

Apr 05, 2022: Notification of Acceptance

Jun 23, 2022: Conference takes place at KKL Lucerne

The submission system and further information can be found at: www.sds2022.ch



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