



Call for Papers

Based on the overall digitalization in all spheres of our lives, Data Science and Artificial Intelligence (AI) are nowadays cornerstones for innovation, problem solutions, and business transformation. Data, whether structured or unstructured, numerical, textual, or audiovisual, put in context with other data or analyzed and processed by smart algorithms, are the basis for intelligent concepts and practical solutions.

Effective data science is only achieved in a broad and diverse discourse – when data science experts cooperate tightly with application domain experts and scientists exchange views and methods with engineers and business experts. Thus, the

5th International Data Science Conference (iDSC 2023)

on May 1st to 3rd 2023

in Krems, Austria

brings together researchers, scientists, business experts, and practitioners to discuss new approaches, methods, and tools made possible by data science with a special focus on using data for sustainable applications.

The cooperation of the Salzburg University of Applied Sciences, the Vorarlberg University of Applied Sciences, the University for Continuing Education Krems (Danube University Krems), and the AIT Austrian Institute of Technology invites academics and practitioners to contribute to our deep commitment to a cooperative effort for jointly building an international community from science, research, as well as business, through data science and data analytics.



An initiative by

FH Salzburg

University for
Continuing
Education Krems

In 2023 hosted by



In cooperation with

FH Vorarlberg 
University of Applied Sciences

AIT
AUSTRIAN INSTITUTE
OF TECHNOLOGY

Research & Science Track

Based on the familiar format of academic conferences, the Research & Science track offers a series of short presentations from data science researchers and social scientists on their current work in the area. Invited are all contributions in the area of data science in general, artificial intelligence, the internet of things, industry, and production 4.0, as well as computational social sciences. In line with the overarching theme of iDSC 2023, contributions concerning data-driven applications and solutions to the area of sustainability are especially welcome. Papers must be written in English and must not exceed 8 pages.

Application & Use Case Track

The aim of the application and use case session is to exchange real-world data science solutions from the industry and other sectors between practitioners, but also between science and practice. The track seeks creative and innovative ideas and applications of data science. It provides the exciting possibility to have a glimpse into state-of-the-art industry and cross-sector solutions. The contribution should follow the template that will soon be provided on the conference website, and should not exceed 2 pages.

Workshop Track

The overall aim of the workshops is to highlight topics not only explicitly covered in the main conference sessions but still related to the conference theme, and to complement the tracks by providing more interactive approaches to engage the participants. At the same time, workshops aim to provide an interesting discussion of novel ideas, insightful practical and theoretical discussions, and networking with international experts, researchers, and practitioners, among others. The contribution should follow the template that will soon be provided on the conference website, and should not exceed 2 pages.

Ph.D. Colloquium

The overall aim of the Ph.D. colloquium is to connect Ph.D. students to the data science communities, whether their focus is classical computer science or social science-oriented analytical approaches. During the colloquium, you will meet other Ph.D. students, young researchers who have just finished their PhDs, and experienced scholars. For details on submitting a paper to the Ph.D. Colloquium please see the conference website.

Important Dates

January 15 th , 2023	Submission Deadline Research & Science Track
February 5 th , 2023	Submission Deadline Application & Use Case Track, Workshop Proposals, and Ph.D. Colloquium
February 28 th , 2023	Notification of Acceptance Research & Science Track
March 6 th , 2023	Notification of Acceptance Application & Use Case Track, Workshops, and Ph.D. Colloquium
April 2 nd , 2023	Submission of Camera Ready Contribution (All Tracks)
May 1st, 2023	Ph.D. Colloquium
May 2nd - 3rd, 2023	Conference

Find more information and further updates at <https://idsc.at>.

