

#### İstanbul, Türkiye

Welcome to Istanbul, a city that harmoniously blends its storied past with a burgeoning focus on technology and science. Situated at the crossroads of Europe and Asia, Istanbul's strategic location has facilitated centuries of cultural exchange and trade, making it a melting pot of diverse influences.

While Istanbul is renowned for its historical landmarks, it is also making strides in the world of technology and innovation. The city has witnessed a surge in entrepreneurial activity, with a startup ecosystem and tech-driven initiatives. Homegrown startups and international tech companies have found a fertile ground in Istanbul, with its vibrant market and diverse consumer base.



Beyond its historical allure, Istanbul houses world-class research institutions and universities, making it an appealing destination for scientists and academics. Researchers in various fields find ample opportunities to collaborate and exchange knowledge with their Turkish counterparts. The city regularly hosts international conferences, symposiums, and workshops, where experts convene to explore cutting-edge advancements in science and technology.

reputation as a major hub for international business and collaboration.

In conclusion, Istanbul stands as an ideal destination for the conference "Leverage of IT in Engineering and Science." With a growing emphasis on technology and innovation, the city offers a dynamic and inspiring backdrop for scholars and experts to converge and explore the intersection of IT, engineering, and science. Participants of the conference will have the opportunity to engage with its modern IT and tech-driven initiatives and engineering companies that have established a presence in Turkey, contributing to the city's reputation as a major hub for international business and collaboration.

#### Contact

For submissions and further information:

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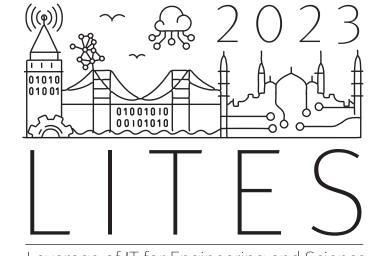
website: lites2023.tau.edu.tr

#### Venue

Turkish-German University Şahinkaya Cad. 106 - 34820 Beykoz / İSTANBUL +90 (216) 333 30 00 Deutschsprachige Anrufer/Calls from abroad: +90 (216) 333 30 04



# 30-31 October, 1 November 2023 istanbul, Türkiye



Leverage of IT for Engineering and Science

#### International Conference











**Company Logos** 





### Contents

The Leverage of IT for Engineering and Science (LITES) conference is a forthcoming event set to take place in Istanbul. Organized collaboratively by the Turkish-German University, TU Berlin, and Uni Potsdam, LITES serves as a platform for interdisciplinary exchange.

The conference encompasses a wide array of topics, including Information Technology, Sustainability, Circular Economy, Logistics, Smart Cities, Al, Automation, Robotics, Energy Science, and more. It offers a space for experts and enthusiasts from diverse fields to discuss innovations, share research findings, and explore the intersection of IT with Engineering and Science.

Aside from informative talks, the conference will feature an industry workshop designed to bridge academic insights with practical applications. Through these discussions and engagements, LITES seeks to foster knowledge dissemination, promote collaboration, and inspire advancements in the realm of technology-driven solutions for complex challenges in Engineering and Science.

LITES is a hybrid conference. Participants can attend and present online.

#### Deadlines

**Abstract Submission Deadline:** September 15, 2023.

**Notification of abstract acceptance/rejection:** September 22, 2023.

Full paper submission (optional): October 13, 2023.

Notification of full paper acceptance/rejection: October 20, 2023.

## Registration fees

Students and members of Turkish-German University: free of charge

Members of TU Berlin and Uni Potsdam: free of charge

Other participants: ₺ 250

#### **Publication**

All accepted papers will be published as Conference Proceedings by Turkish-German University Press.

All abstracts will be published as a book of abstracts



## Topics

- Information Technology
- Sustainability / Circular Economy / Logistics / Supply Chain/ Service
- Smart City / Traffic Engineering / Earthquake Engineering
- Artificial Intelligence / Machine Learning / Image Processing
- Automation / Robotics / Control / Sensors
- Manufacturing / Material Science / (Dis-)Assembly
- Simulation / Fluid Mechanics
- Electromobility / Battery / Fuel Cells
- Energy Science / Energy Efficiency
- Bio Science / Healthcare

