



3rd Int. Conference

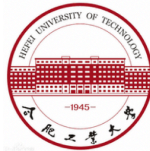
“ Smart Underground Space & Infrastructures”

Lille, France, October 8–10, 2019

www.sus-lille2019.com

Proceedings indexed by ISI Web of Science

Organized by:



TOPICS

- Challenges of the underground space and urban infrastructures
 - Lifecycle management, sustainability
 - Safety & risk assessment, resiliency
 - Interaction with natural and built environments
 - Effective-cost reduction
 - Users' involvement

Innovation in the design, construction and management of urban infrastructures:

- Soil exploration, stabilization & improvement
- Automation in construction
- Use of BIM, GS, Civil3D,..
- Data-based design

Use of smart solutions in life cycle management of urban infrastructures:

- Smart monitoring
- Urban information system
- Use of Big Data, Artificial Intelligence
- Augmented and Virtual Reality
- Control & Regulation
- Pilot projects

Presentation

After the great success of the 1st and 2nd editions of the international conference “Smart Underground Space & Infrastructures” (Shanghai 2017 & 2018), we are pleased to invite you to the 3rd edition of this conference, which will be organized in Lille (France) in October 2019.

This series of conference aims at creating an international rendezvous around the use of **innovative solutions** to cope with today's challenges of the **underground space and urban infrastructures**.

The conference deals with the following issues:

- Revisiting today's challenges of the underground space and urban infrastructures in considering the rapid demographic growth, urban hazards increase, global warming & climate change and sustainability.
- Exploring civil engineering innovative solutions in the design, construction and management of underground facilities and urban infrastructures.
- Sharing experiences in the use of digital technology in lifecycle urban infrastructures management (smart sensing, smart grids, smart infrastructures, smart buildings, smart cities, Big Data, Artificial Intelligence, Augmented & Virtual Reality).

LANGUAGES

Papers should be submitted in English. During the conference, both English and Chinese languages will be used.

SUBMISSION

- Full papers (6 pages) should be submitted before July, 15.
- They will be reviewed by 2 referees
- Accepted papers should be presented at the conference
- Papers will be published in ISI-Web and Scopus indexed proceedings.

Instructions for submission:

www.sus-lille2019.com

SOCIAL PROGRAM

The conference includes a social and cultural program including visits to the historical city, museums and natural parks as well as attending cultural and artistic activities and degusting local gastronomy.

CONFERENCE VENUE

Polytech'Lille, Villeneuve d'Ascq, France.



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